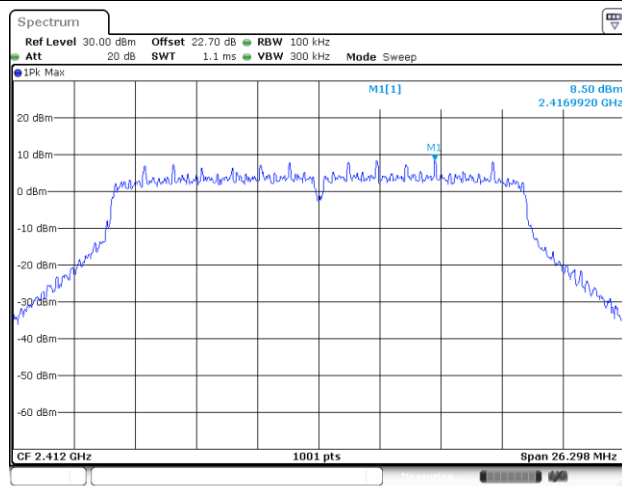




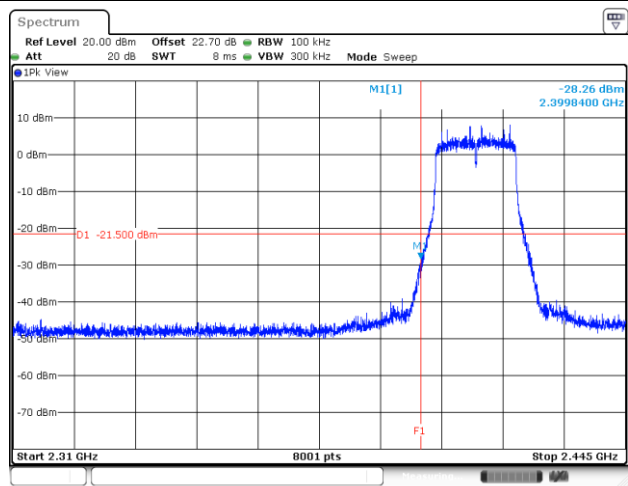
Test Mode : 802.11ac VHT20

Test Channel : 01

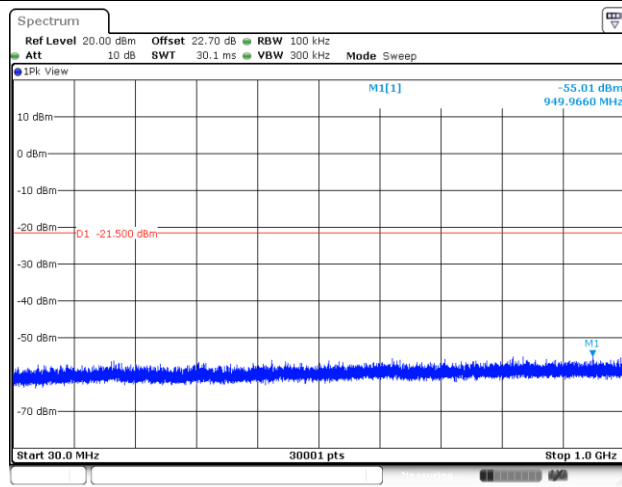
100kHz PSD reference Level



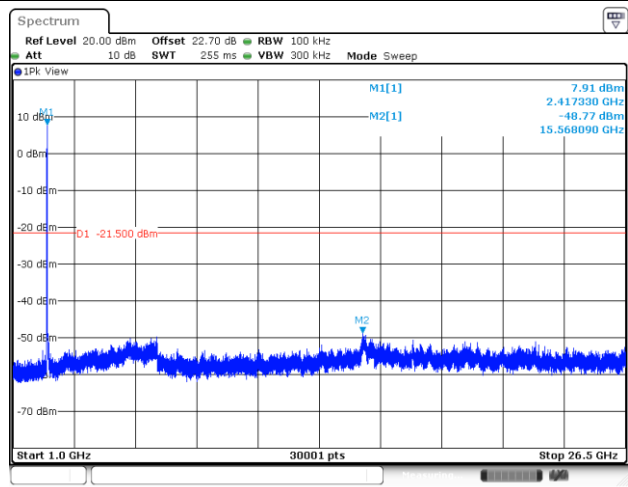
Low Channel Plot



Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

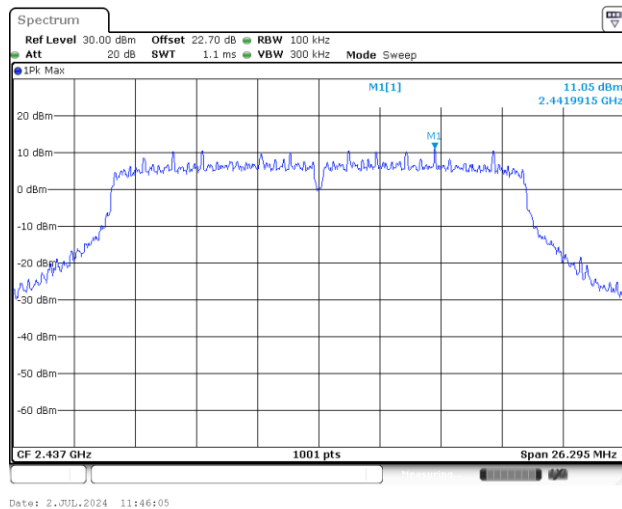




Test Mode : 802.11ac VHT20

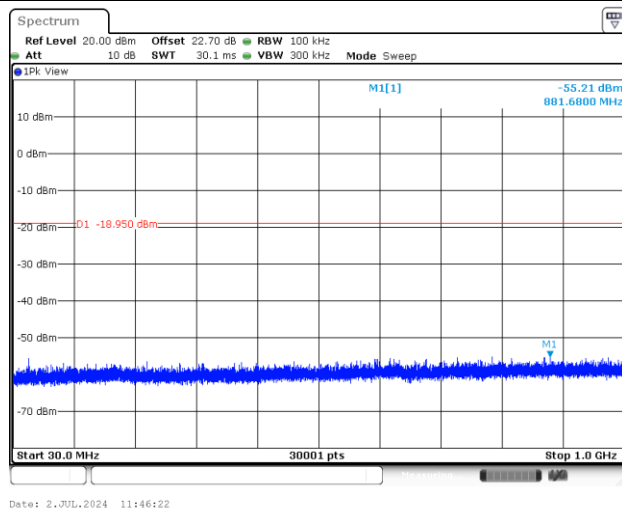
Test Channel : 06

100kHz PSD reference Level

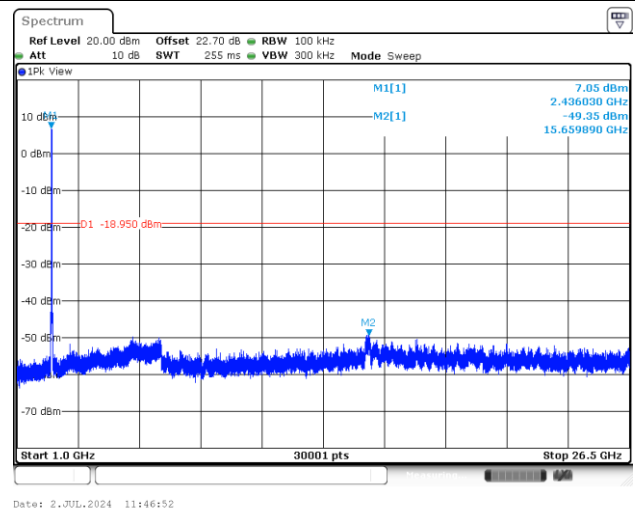


Middle Channel Plot

Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

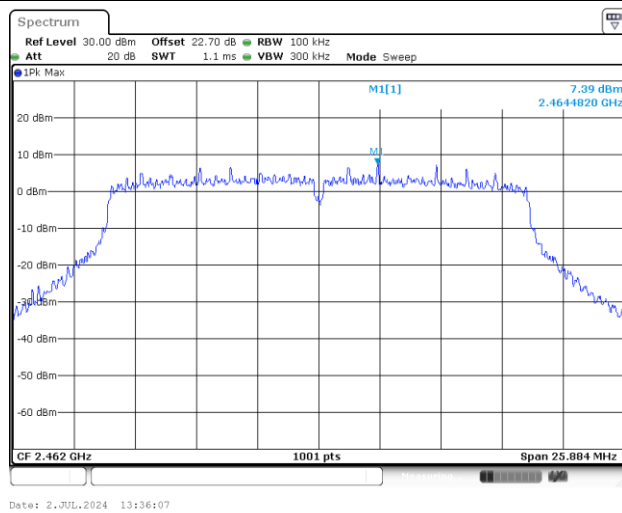




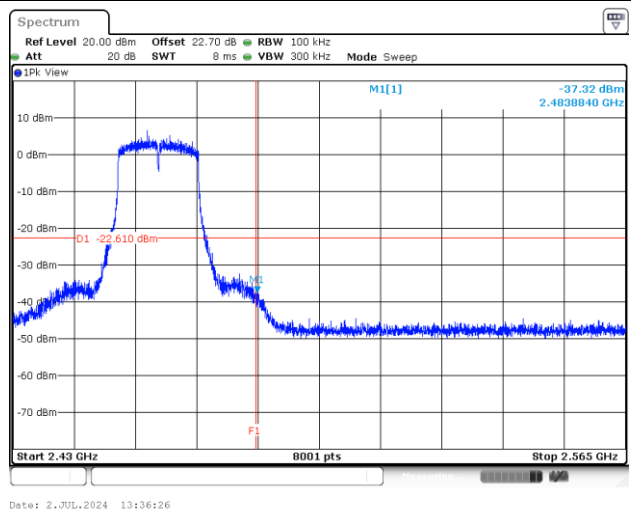
Test Mode : 802.11ac VHT20

Test Channel : 11

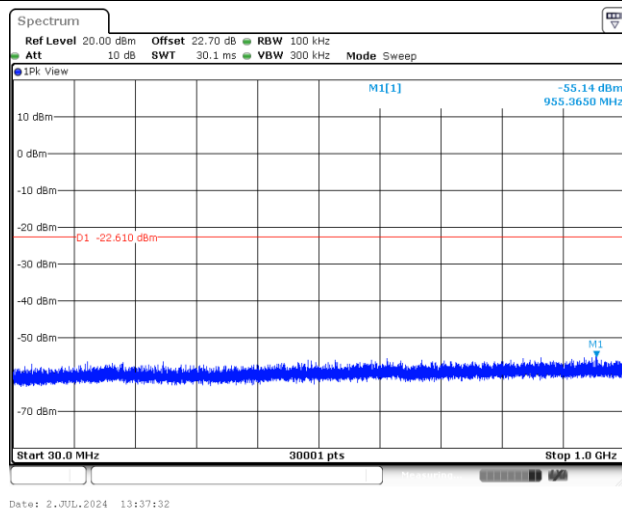
100kHz PSD reference Level



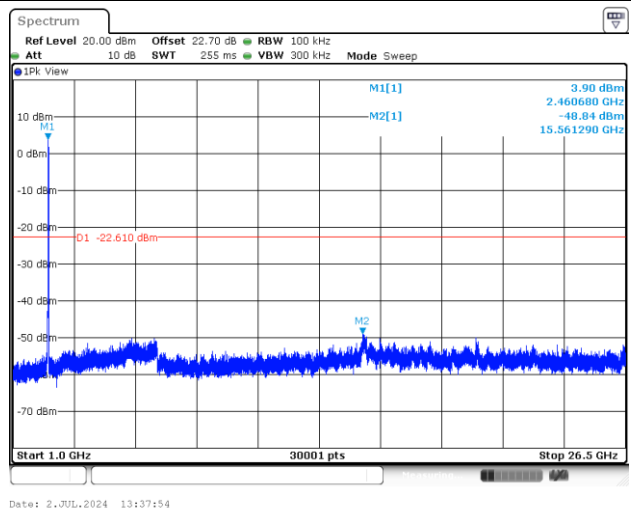
High Channel Plot



Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

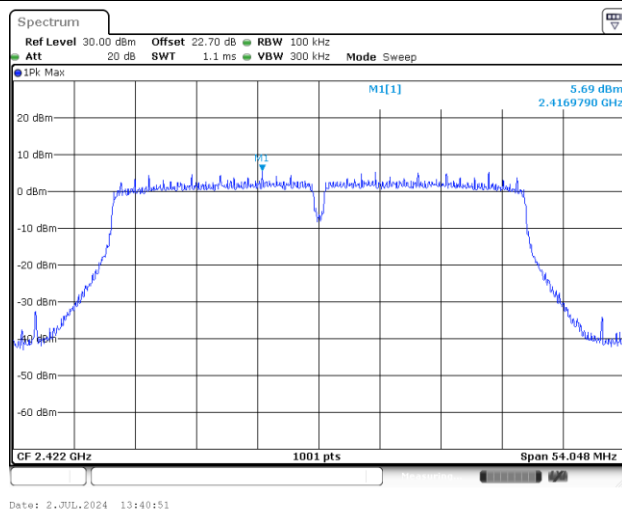




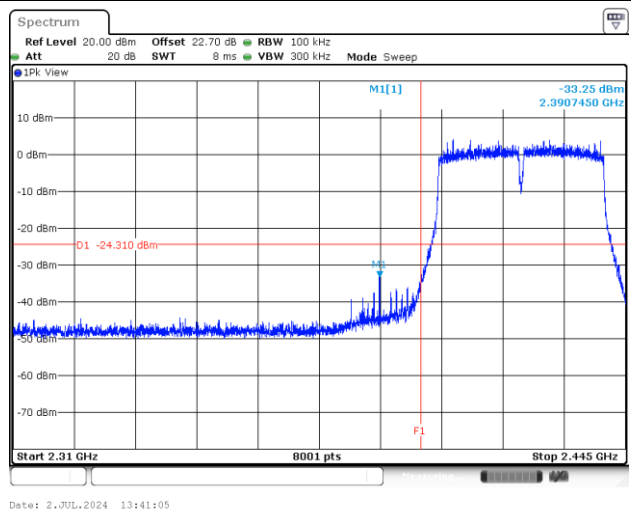
Test Mode : 802.11ac VHT40

Test Channel : 03

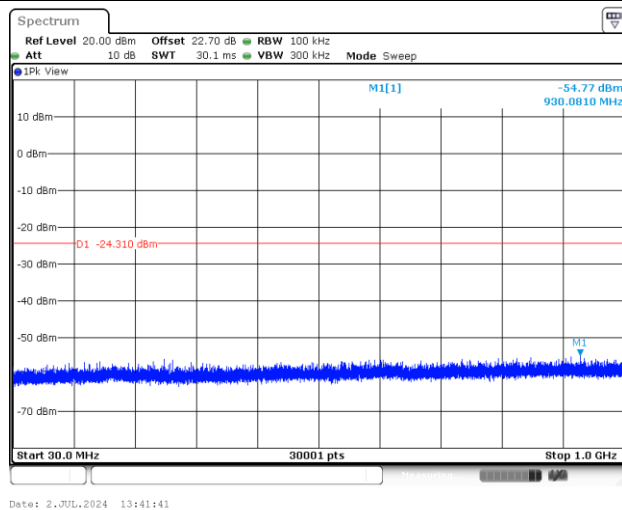
100kHz PSD reference Level



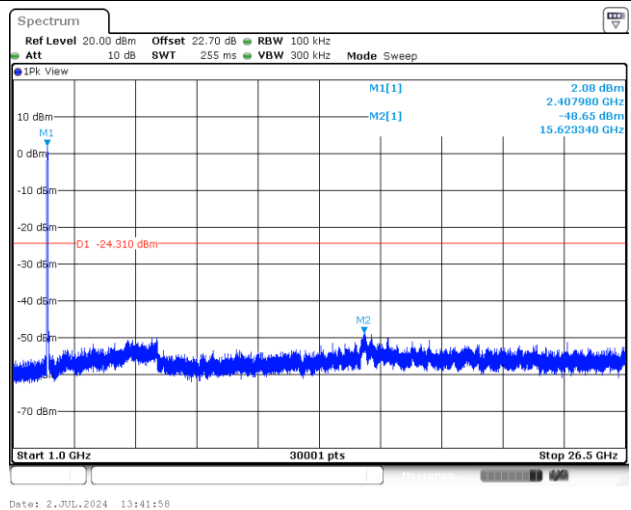
Low Channel Plot



Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

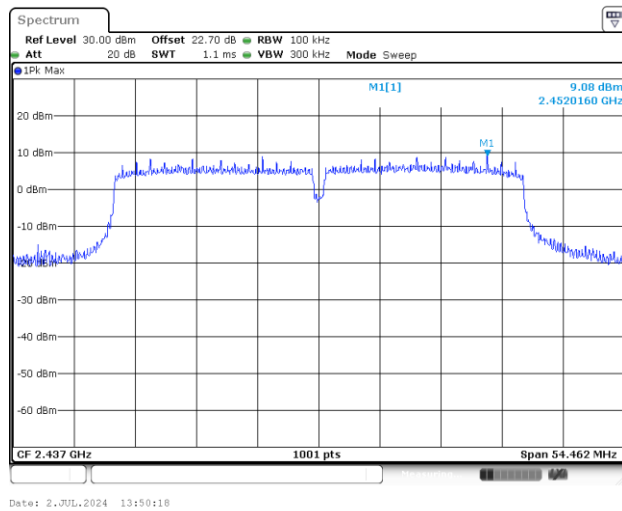




Test Mode : 802.11ac VHT40

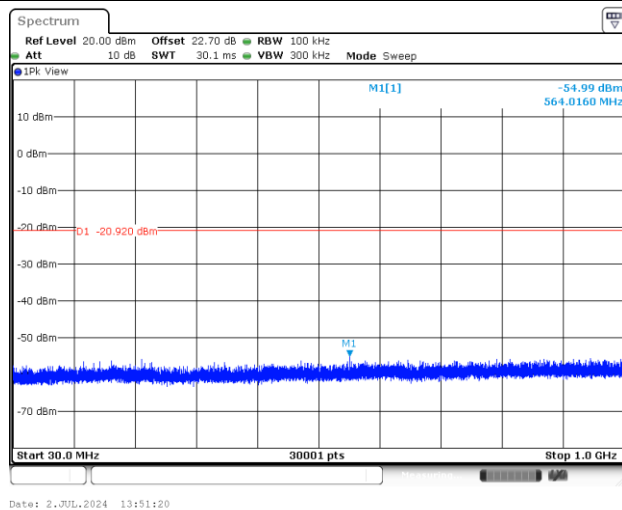
Test Channel : 06

100kHz PSD reference Level

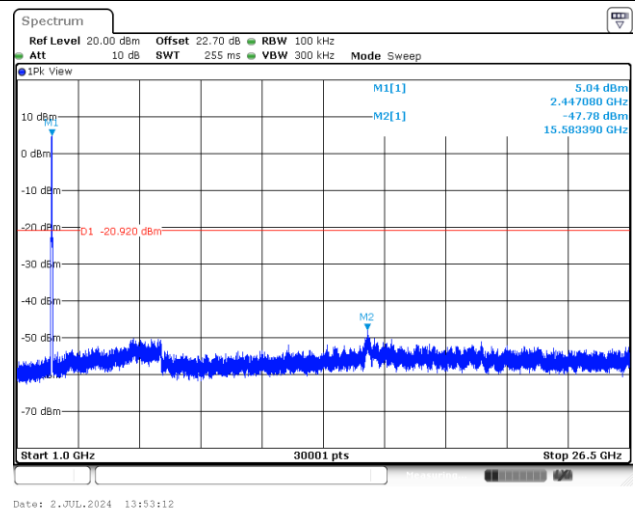


Middle Channel Plot

Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

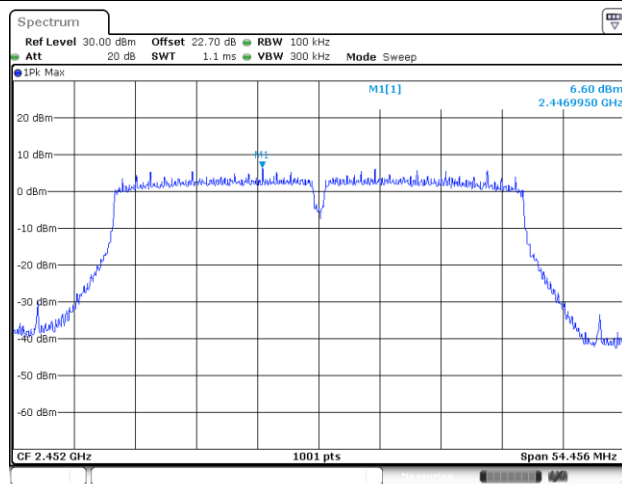




Test Mode : 802.11ac VHT40

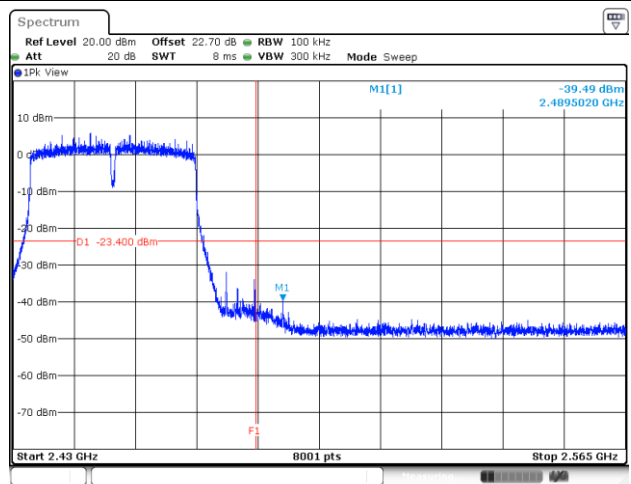
Test Channel : 09

100kHz PSD reference Level



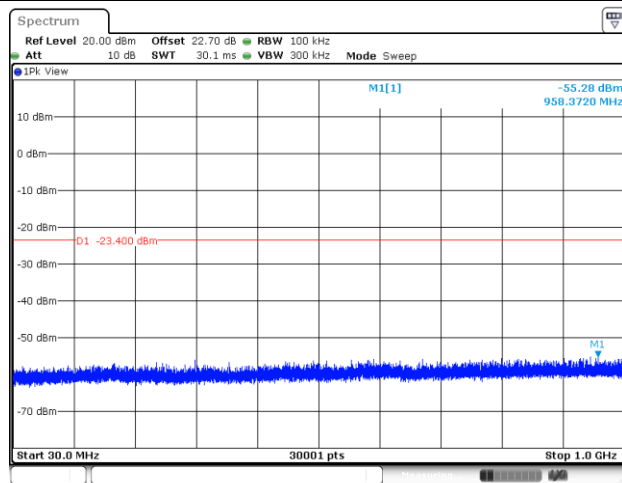
Date: 2.JUL.2024 14:02:35

High Channel Plot



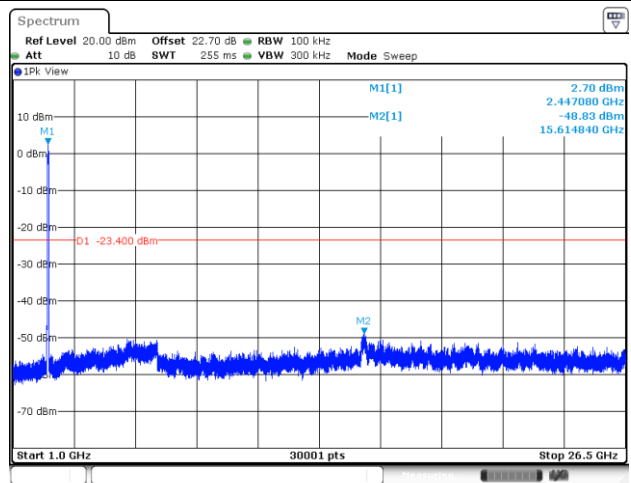
Date: 2.JUL.2024 14:02:48

Spurious Emission 30MHz~1GHz



Date: 2.JUL.2024 14:03:44

Spurious Emission 1GHz~26.5GHz



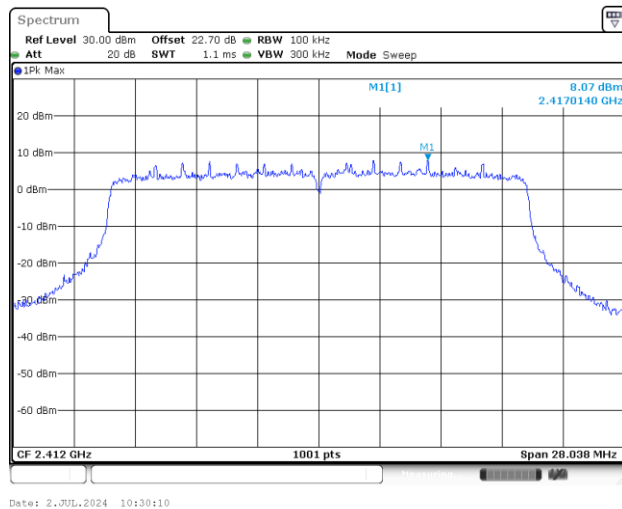
Date: 2.JUL.2024 14:04:03



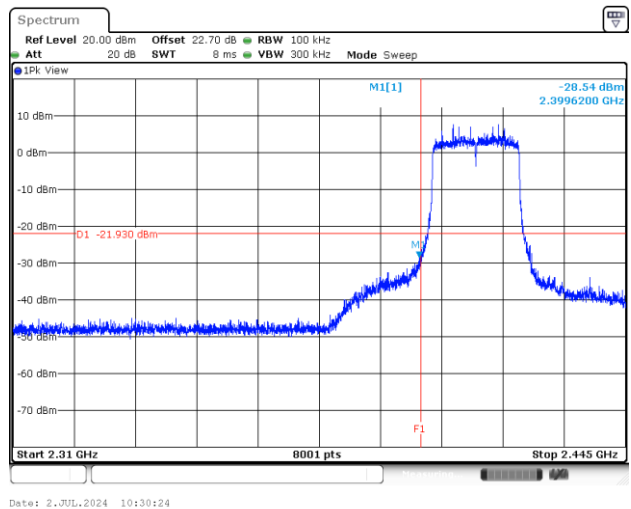
Test Mode : 802.11ax HE20_Full RU

Test Channel : 01

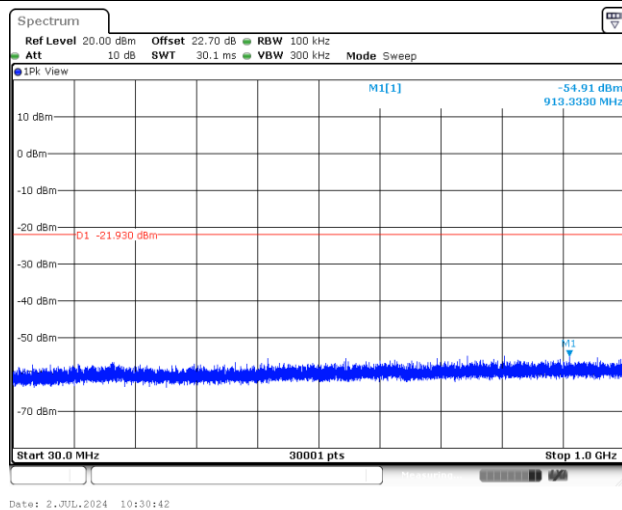
100kHz PSD reference Level



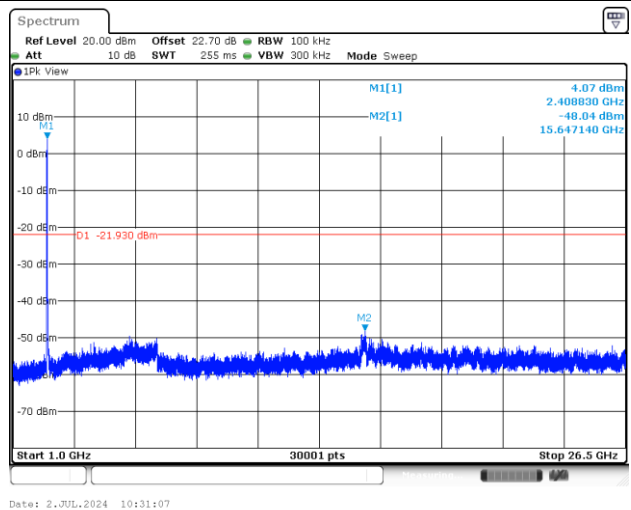
Low Channel Plot



Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

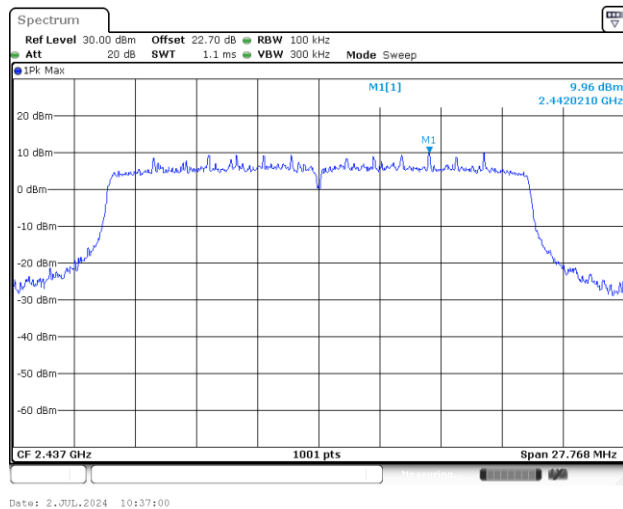




Test Mode : 802.11ax HE20_Full RU

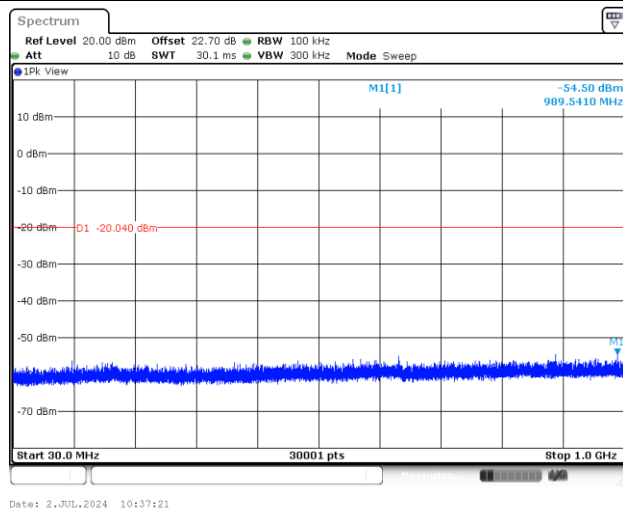
Test Channel : 06

100kHz PSD reference Level

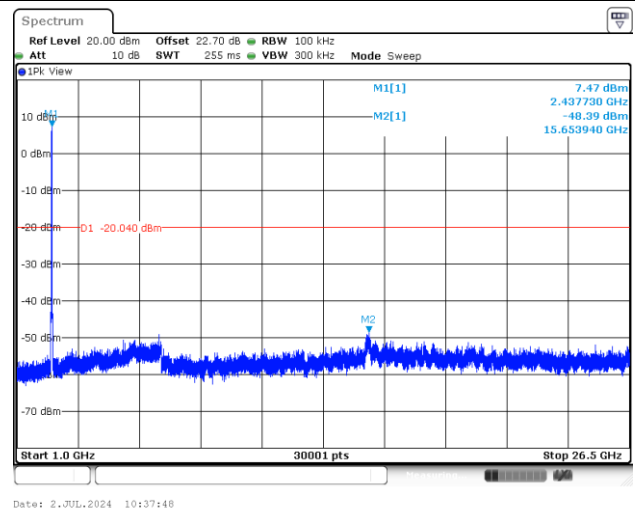


Middle Channel Plot

Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

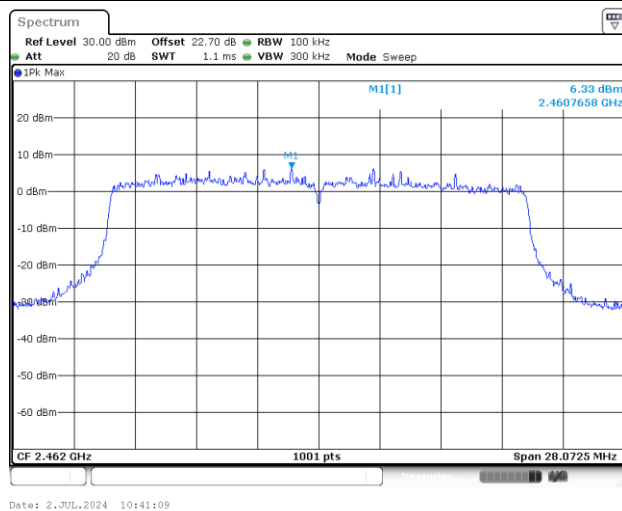




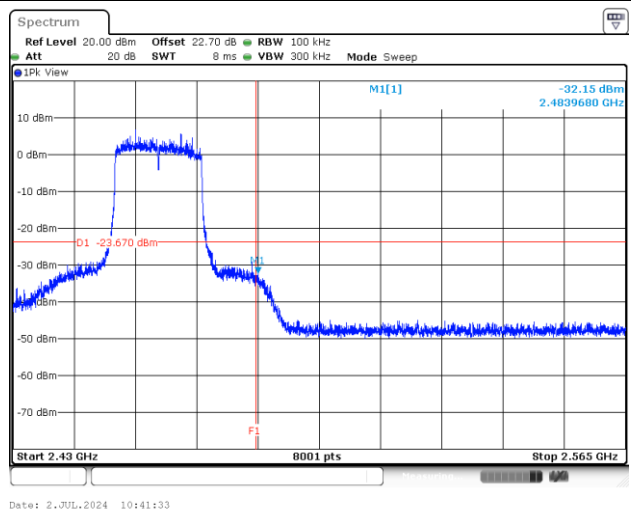
Test Mode : 802.11ax HE20_Full RU

Test Channel : 11

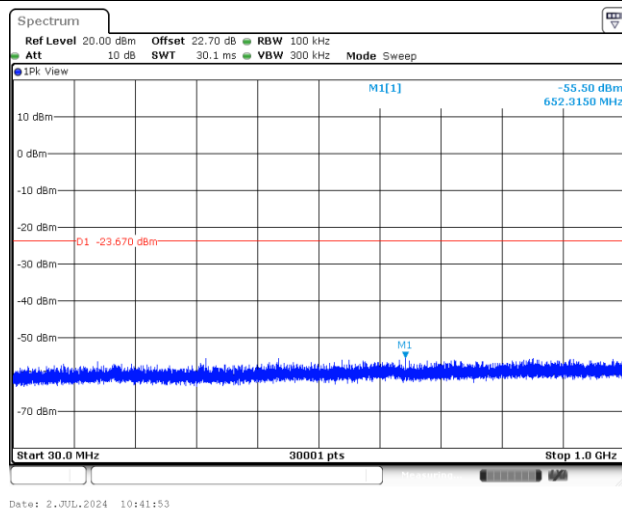
100kHz PSD reference Level



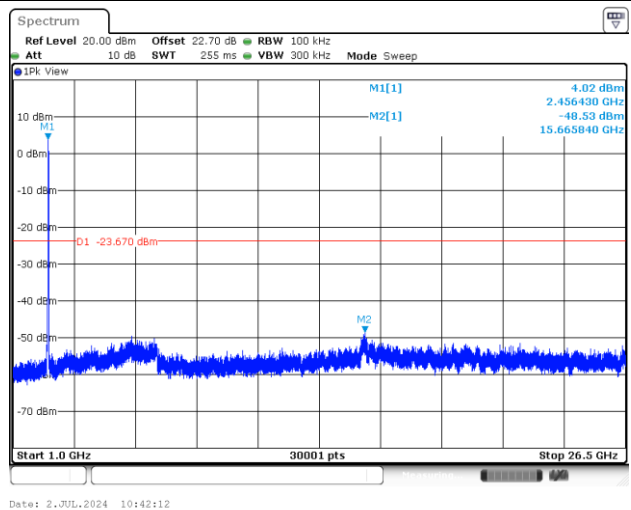
High Channel Plot



Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

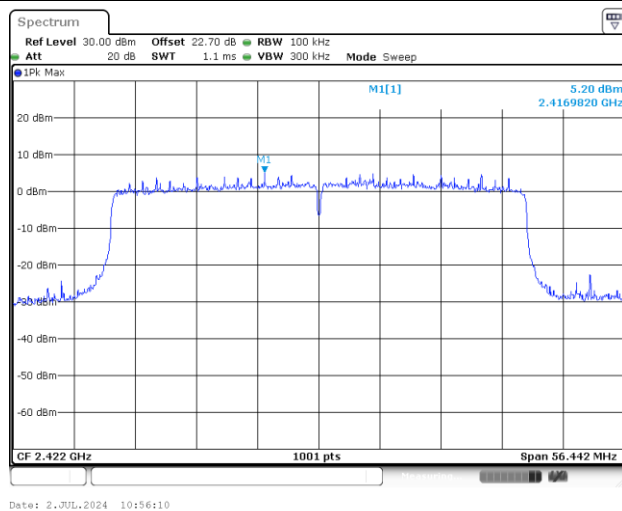




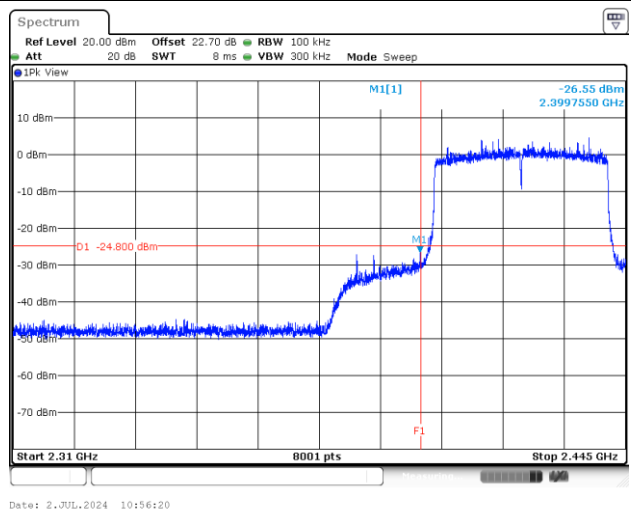
Test Mode : 802.11ax HE40_Full RU

Test Channel : 03

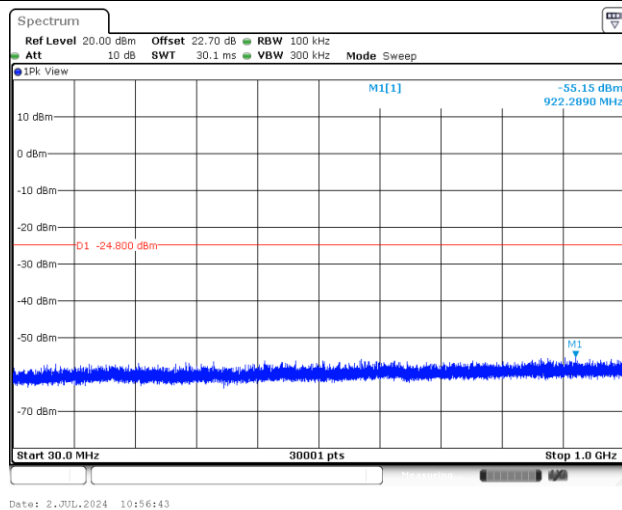
100kHz PSD reference Level



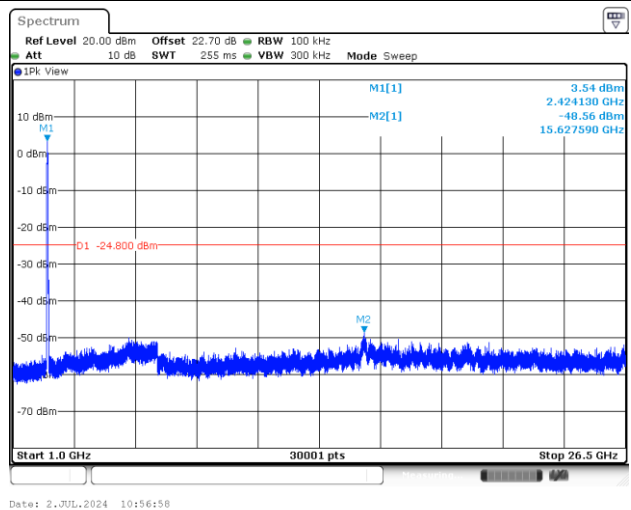
Low Channel Plot



Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

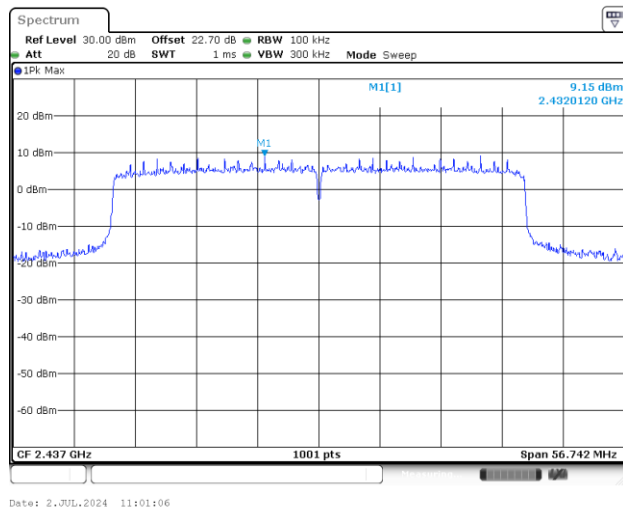




Test Mode : 802.11ax HE40_Full RU

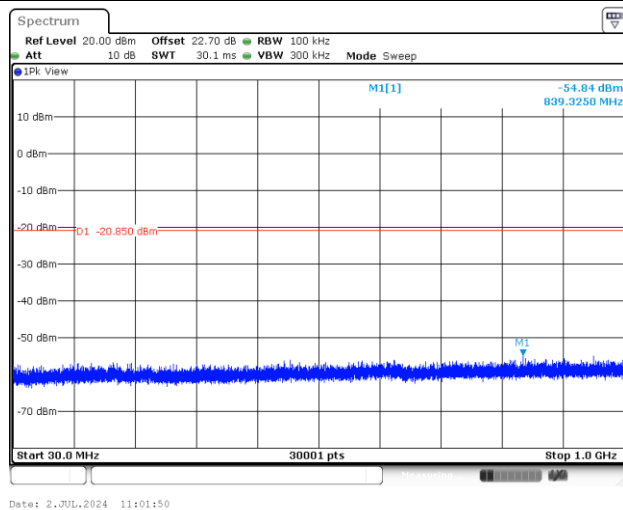
Test Channel : 06

100kHz PSD reference Level

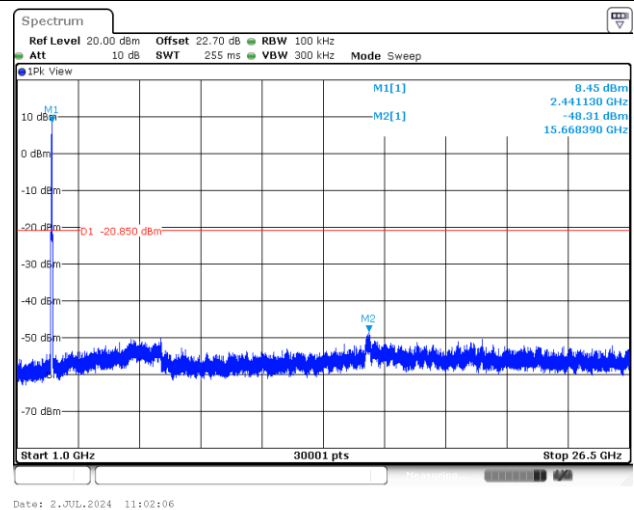


Middle Channel Plot

Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz

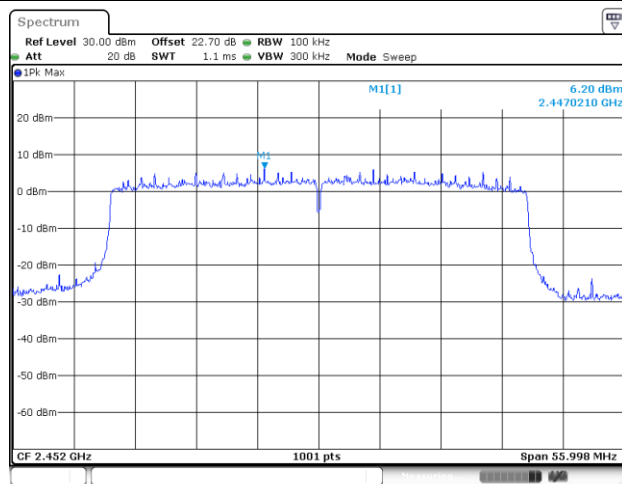




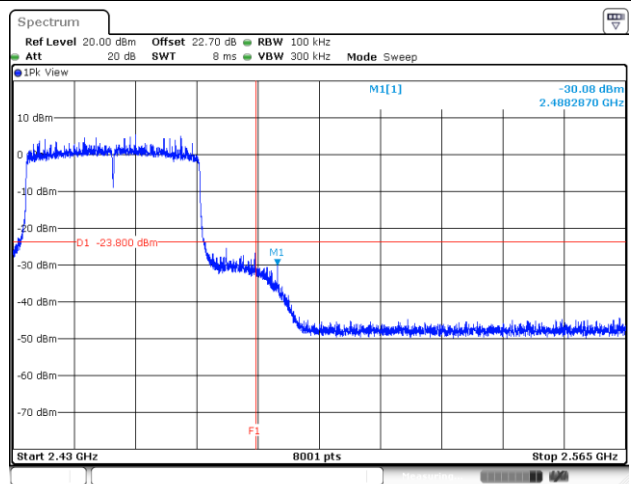
Test Mode : 802.11ax HE40_Full RU

Test Channel : 09

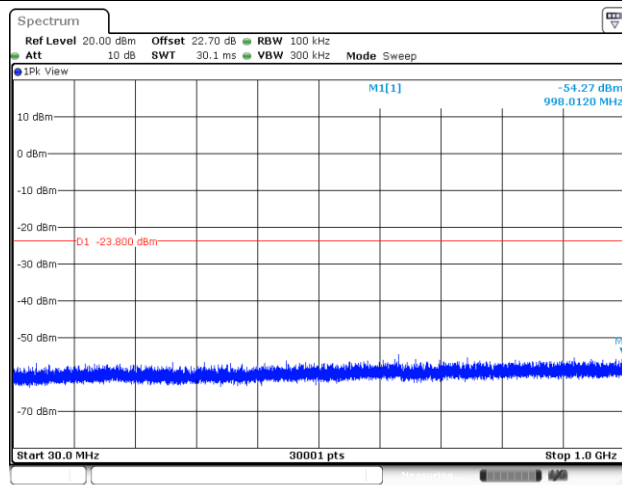
100kHz PSD reference Level



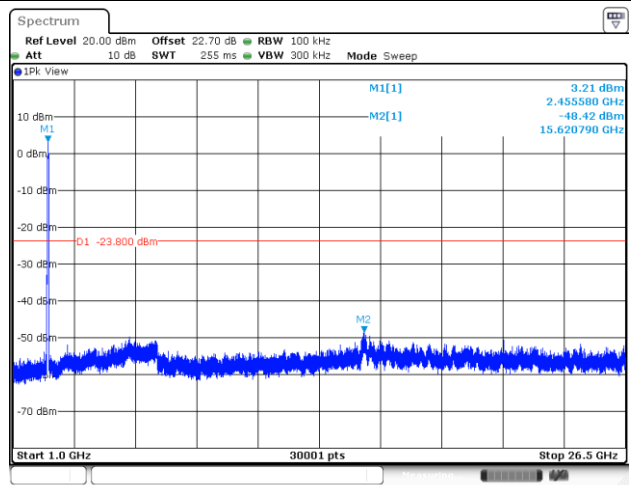
High Channel Plot



Spurious Emission 30MHz~1GHz



Spurious Emission 1GHz~26.5GHz





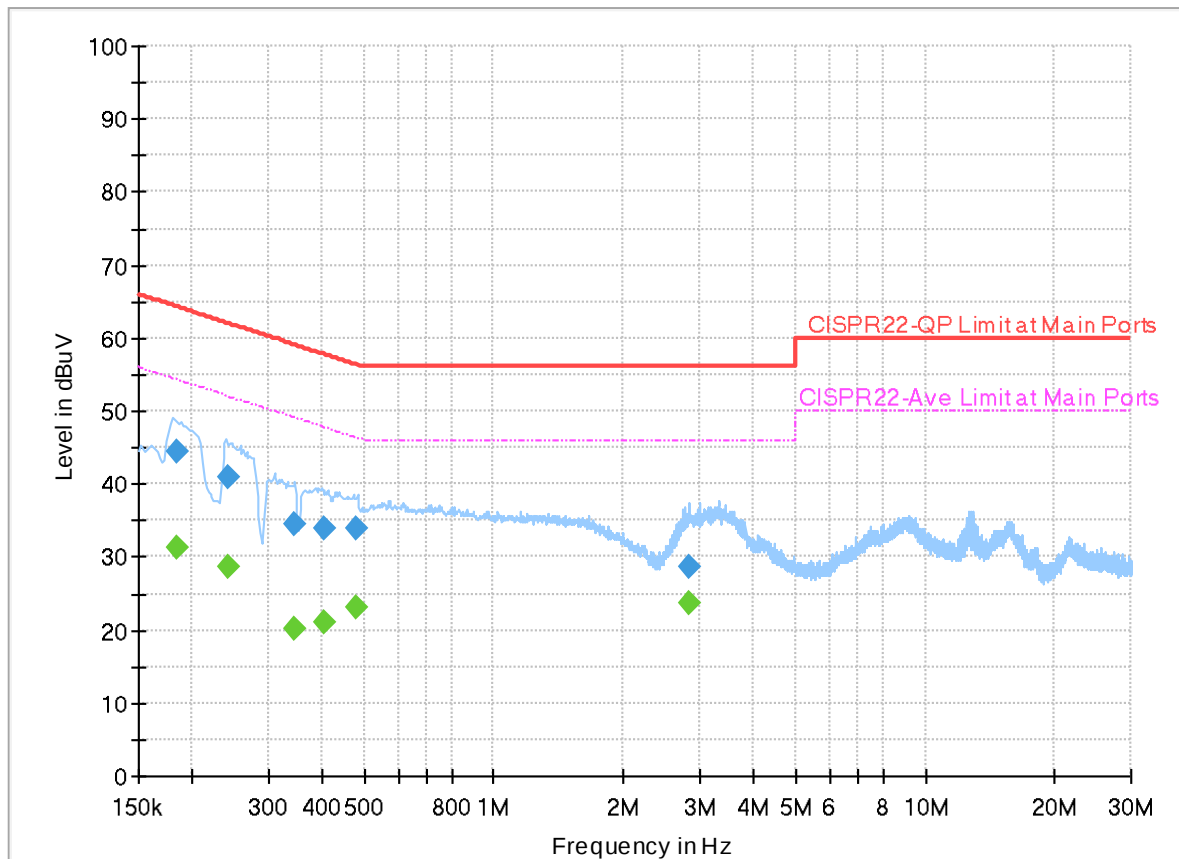
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	23.7~24.5℃
		Relative Humidity :	48.9~56.4%

EUT Information

Report NO : 430824
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



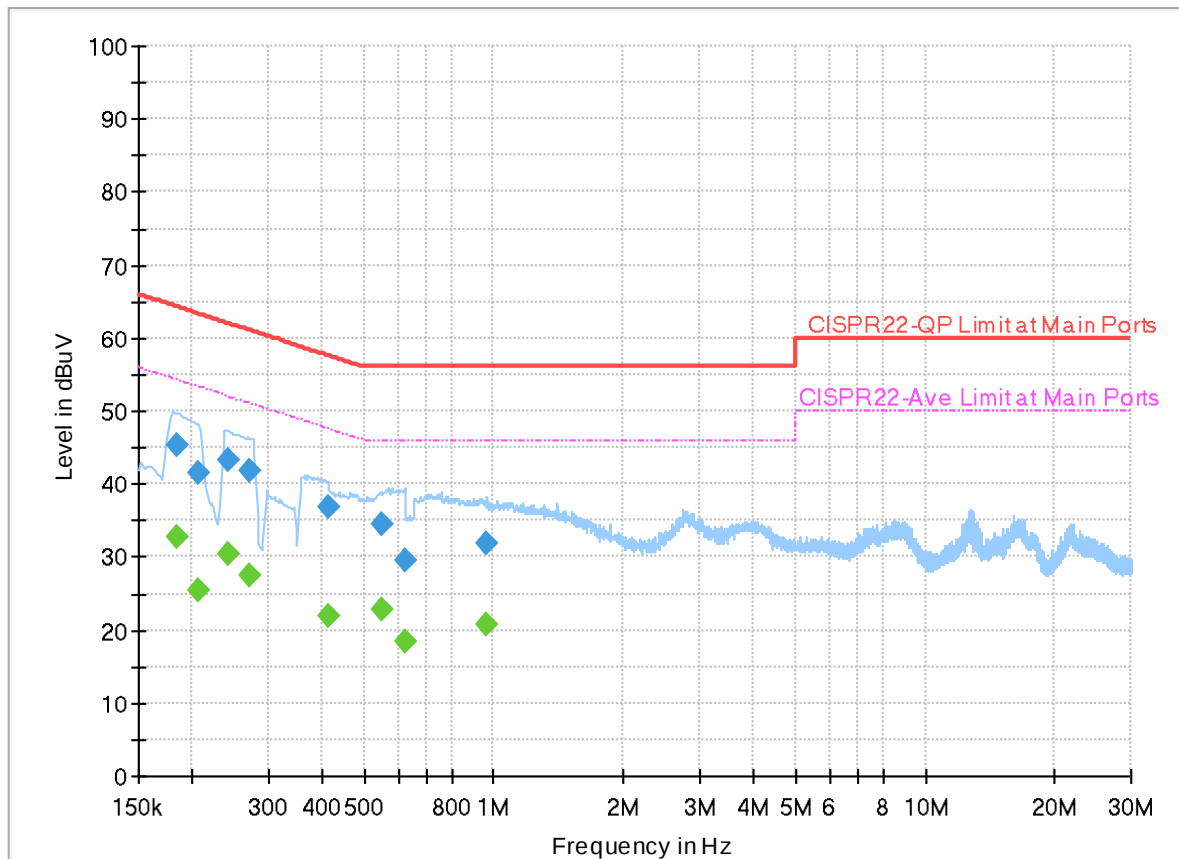
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	31.27	54.31	23.04	L1	OFF	19.9
0.183750	44.45	---	64.31	19.86	L1	OFF	19.9
0.242250	---	28.55	52.02	23.47	L1	OFF	19.9
0.242250	40.91	---	62.02	21.11	L1	OFF	19.9
0.343590	---	20.09	49.12	29.03	L1	OFF	19.9
0.343590	34.46	---	59.12	24.66	L1	OFF	19.9
0.404250	---	21.14	47.77	26.63	L1	OFF	19.9
0.404250	33.89	---	57.77	23.88	L1	OFF	19.9
0.481560	---	23.02	46.31	23.29	L1	OFF	19.9
0.481560	33.90	---	56.31	22.41	L1	OFF	19.9
2.839560	---	23.68	46.00	22.32	L1	OFF	20.0
2.839560	28.53	---	56.00	27.47	L1	OFF	20.0

EUT Information

Report NO : 430824
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	32.82	54.31	21.49	N	OFF	19.9
0.183750	45.28	---	64.31	19.03	N	OFF	19.9
0.207150	---	25.45	53.32	27.87	N	OFF	19.9
0.207150	41.54	---	63.32	21.78	N	OFF	19.9
0.242250	---	30.38	52.02	21.64	N	OFF	19.9
0.242250	43.28	---	62.02	18.74	N	OFF	19.9
0.271860	---	27.59	51.06	23.47	N	OFF	19.9
0.271860	41.80	---	61.06	19.26	N	OFF	19.9
0.412170	---	21.82	47.60	25.78	N	OFF	19.9
0.412170	36.84	---	57.60	20.76	N	OFF	19.9
0.550050	---	22.95	46.00	23.05	N	OFF	19.9
0.550050	34.42	---	56.00	21.58	N	OFF	19.9
0.624750	---	18.34	46.00	27.66	N	OFF	19.9
0.624750	29.40	---	56.00	26.60	N	OFF	19.9
0.964860	---	20.81	46.00	25.19	N	OFF	19.9
0.964860	31.94	---	56.00	24.06	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	John Chuang, David Dai, and Sam Chou	Temperature :	19.8~22.7°C
		Relative Humidity :	66.1~70.1%

MIMO<Ant. 6+7>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2387.07	58.01	-15.99	74	48.28	27.25	18.72	36.24	125	331	P	H
		2387.07	52.78	-1.22	54	43.05	27.25	18.72	36.24	125	331	A	H
	*	2412	112.34	-	-	102.48	27.35	18.76	36.25	125	331	P	H
	*	2412	109.17	-	-	99.31	27.35	18.76	36.25	125	331	A	H
													H
		2387.49	55.84	-18.16	74	46.11	27.25	18.72	36.24	350	177	P	V
		2387.175	50.55	-3.45	54	40.82	27.25	18.72	36.24	350	177	A	V
	*	2412	106.55	-	-	96.69	27.35	18.76	36.25	350	177	P	V
	*	2412	103.45	-	-	93.59	27.35	18.76	36.25	350	177	A	V
													V
802.11b CH 06 2437MHz		2389.84	50.54	-23.46	74	40.8	27.26	18.72	36.24	139	334	P	H
		2388.4	40.91	-13.09	54	31.18	27.25	18.72	36.24	139	334	A	H
	*	2437	114.63	-	-	104.63	27.45	18.81	36.26	139	334	P	H
	*	2437	111.47	-	-	101.47	27.45	18.81	36.26	139	334	A	H
		2484.88	52.89	-21.11	74	42.62	27.64	18.9	36.27	139	334	P	H
		2484.56	42.23	-11.77	54	31.96	27.64	18.9	36.27	139	334	A	H
		2388.72	49.77	-24.23	74	40.04	27.25	18.72	36.24	252	257	P	V
		2390	39.83	-14.17	54	30.09	27.26	18.72	36.24	252	257	A	V
	*	2437	111.94	-	-	101.94	27.45	18.81	36.26	252	257	P	V
	*	2437	108.78	-	-	98.78	27.45	18.81	36.26	252	257	A	V
		2484.72	51.86	-22.14	74	41.59	27.64	18.9	36.27	252	257	P	V
		2484.48	41.31	-12.69	54	31.04	27.64	18.9	36.27	252	257	A	V



802.11b CH 11 2462MHz	*	2462	113.28	-	-	103.15	27.55	18.85	36.27	137	336	P	H
	*	2462	110.05	-	-	99.92	27.55	18.85	36.27	137	336	A	H
		2486.28	56.65	-17.35	74	46.38	27.65	18.9	36.28	137	336	P	H
		2483.52	51.53	-2.47	54	41.28	27.63	18.89	36.27	137	336	A	H
													H
													H
	*	2462	112.02	-	-	101.89	27.55	18.85	36.27	152	239	P	V
	*	2462	108.87	-	-	98.74	27.55	18.85	36.27	152	239	A	V
		2486.92	54.67	-19.33	74	44.4	27.65	18.9	36.28	152	239	P	V
		2483.52	48.58	-5.42	54	38.33	27.63	18.89	36.27	152	239	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	48.04	-25.96	74	39.91	32.4	13.25	37.52	100	76	P	H
		4824	40.83	-13.17	54	32.7	32.4	13.25	37.52	100	76	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	47.58	-26.42	74	39.45	32.4	13.25	37.52	100	107	P	V
		4824	40.53	-13.47	54	32.4	32.4	13.25	37.52	100	107	A	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 06 2437MHz		4874	44.27	-29.73	74	36.1	32.5	13.23	37.56	-	-	P	H
		7311	53.73	-20.27	74	39.64	36.9	15.8	38.61	100	354	P	H
		7311	47.51	-6.49	54	33.42	36.9	15.8	38.61	100	354	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	44	-30	74	35.83	32.5	13.23	37.56	-	-	P	V
		7311	53.77	-20.23	74	39.68	36.9	15.8	38.61	212	322	P	V
		7311	47.78	-6.22	54	33.69	36.9	15.8	38.61	212	322	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		2389.905	61.83	-12.17	74	52.09	27.26	18.72	36.24	298	66	P	H
		2390	51.3	-2.7	54	41.56	27.26	18.72	36.24	298	66	A	H
	*	2412	115.89	-	-	106.03	27.35	18.76	36.25	298	66	P	H
	*	2412	108.23	-	-	98.37	27.35	18.76	36.25	298	66	A	H
													H
													H
		2390	60.01	-13.99	74	50.27	27.26	18.72	36.24	129	302	P	V
		2390	49.8	-4.2	54	40.06	27.26	18.72	36.24	129	302	A	V
	*	2412	113.83	-	-	103.97	27.35	18.76	36.25	129	302	P	V
	*	2412	106.03	-	-	96.17	27.35	18.76	36.25	129	302	A	V
													V
													V
802.11g CH 06 2437MHz		2389.36	61.84	-12.16	74	52.1	27.26	18.72	36.24	301	60	P	H
		2390	48.37	-5.63	54	38.63	27.26	18.72	36.24	301	60	A	H
	*	2437	118.83	-	-	108.83	27.45	18.81	36.26	301	60	P	H
	*	2437	111.43	-	-	101.43	27.45	18.81	36.26	301	60	A	H
		2484.16	67.76	-6.24	74	57.49	27.64	18.9	36.27	301	60	P	H
		2483.6	52.21	-1.79	54	41.96	27.63	18.89	36.27	301	60	A	H
		2390	59.28	-14.72	74	49.54	27.26	18.72	36.24	287	290	P	V
		2388.56	45.99	-8.01	54	36.26	27.25	18.72	36.24	287	290	A	V
	*	2437	117.79	-	-	107.79	27.45	18.81	36.26	287	290	P	V
	*	2437	109.98	-	-	99.98	27.45	18.81	36.26	287	290	A	V
		2483.84	64.52	-9.48	74	54.25	27.64	18.9	36.27	287	290	P	V
		2483.6	52.05	-1.95	54	41.8	27.63	18.89	36.27	287	290	A	V



802.11g CH 11 2462MHz	*	2462	114.27	-	-	104.14	27.55	18.85	36.27	269	74	P	H
	*	2462	106.33	-	-	96.2	27.55	18.85	36.27	269	74	P	H
		2484.16	63.38	-10.62	74	53.11	27.64	18.9	36.27	269	74	P	H
		2483.52	51.77	-2.23	54	41.52	27.63	18.89	36.27	269	74	A	H
													H
													H
	*	2462	112.69	-	-	102.56	27.55	18.85	36.27	100	240	P	V
	*	2462	105.15	-	-	95.02	27.55	18.85	36.27	100	240	A	V
		2483.56	60.24	-13.76	74	49.99	27.63	18.89	36.27	100	240	P	V
		2483.52	48.91	-5.09	54	38.66	27.63	18.89	36.27	100	240	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

[illegible]



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 06 2437MHz		4874	47.2	-26.8	74	39.03	32.5	13.23	37.56	266	53	P	H
		4874	36.16	-17.84	54	27.99	32.5	13.23	37.56	266	53	A	H
		7311	55.4	-18.6	74	41.31	36.9	15.8	38.61	376	24	P	H
		7311	44.94	-9.06	54	30.85	36.9	15.8	38.61	376	24	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	45.57	-28.43	74	37.4	32.5	13.23	37.56	103	353	P	V
		4874	35.5	-18.5	54	27.33	32.5	13.23	37.56	103	353	A	V
		7311	58.34	-15.66	74	44.25	36.9	15.8	38.61	100	5	P	V
		7311	47.39	-6.61	54	33.3	36.9	15.8	38.61	100	5	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11g CH 11 2462MHz		4924	44.3	-29.7	74	35.94	32.74	13.22	37.6	-	-	P	H	
		7386	52.36	-21.64	74	38.5	36.68	15.85	38.67	294	87	P	H	
		7386	41.89	-12.11	54	28.03	36.68	15.85	38.67	294	87	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4924	43.33	-30.67	74	34.97	32.74	13.22	37.6	-	-	P	V
			7386	52.28	-21.72	74	38.42	36.68	15.85	38.67	116	0	P	V
			7386	42.22	-11.78	54	28.36	36.68	15.85	38.67	116	0	A	V
														V
														V
														V
														V
														V
														V
														V
													V	
													V	
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 2412MHz		2389.905	66.13	-7.87	74	56.39	27.26	18.72	36.24	127	73	P	H
		2390	52.79	-1.21	54	43.05	27.26	18.72	36.24	127	73	A	H
	*	2412	114.45	-	-	104.59	27.35	18.76	36.25	127	73	P	H
	*	2412	105.91	-	-	96.05	27.35	18.76	36.25	127	73	A	H
													H
													H
		2389.695	60.3	-13.7	74	50.56	27.26	18.72	36.24	386	182	P	V
		2390	50.1	-3.9	54	40.36	27.26	18.72	36.24	386	182	A	V
	*	2412	114.14	-	-	104.28	27.35	18.76	36.25	386	182	P	V
	*	2412	105.09	-	-	95.23	27.35	18.76	36.25	386	182	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2389.04	58.61	-15.39	74	48.87	27.26	18.72	36.24	304	63	P	H
		2390	45.75	-8.25	54	36.01	27.26	18.72	36.24	304	63	A	H
	*	2437	118.24	-	-	108.24	27.45	18.81	36.26	304	63	P	H
	*	2437	109.76	-	-	99.76	27.45	18.81	36.26	304	63	A	H
		2484.24	63.05	-10.95	74	52.78	27.64	18.9	36.27	304	63	P	H
		2483.52	47.98	-6.02	54	37.73	27.63	18.89	36.27	304	63	A	H
		2389.2	56.3	-17.7	74	46.56	27.26	18.72	36.24	200	255	P	V
		2390	43.47	-10.53	54	33.73	27.26	18.72	36.24	200	255	A	V
	*	2437	118.21	-	-	108.21	27.45	18.81	36.26	200	255	P	V
	*	2437	107.76	-	-	97.76	27.45	18.81	36.26	200	255	A	V
		2484.56	57.28	-16.72	74	47.01	27.64	18.9	36.27	200	255	P	V
		2483.52	44.6	-9.4	54	34.35	27.63	18.89	36.27	200	255	A	V



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 11 2462MHz	*	2462	114.28	-	-	104.15	27.55	18.85	36.27	299	63	P	H
	*	2462	104.55	-	-	94.42	27.55	18.85	36.27	299	63	A	H
		2483.6	61.61	-12.39	74	51.36	27.63	18.89	36.27	299	63	P	H
		2483.52	51.17	-2.83	54	40.92	27.63	18.89	36.27	299	63	A	H
													H
													H
	*	2462	113.47	-	-	103.34	27.55	18.85	36.27	189	260	P	V
	*	2462	105.12	-	-	94.99	27.55	18.85	36.27	189	260	A	V
		2483.68	62.52	-11.48	74	52.27	27.63	18.89	36.27	189	260	P	V
		2483.52	51.91	-2.09	54	41.66	27.63	18.89	36.27	189	260	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

[illegible]

[illegible]

[illegible]



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 01 2412MHz		2390	67.42	-6.58	74	57.68	27.26	18.72	36.24	110	78	P	H
		2389.485	50.34	-3.66	54	40.6	27.26	18.72	36.24	110	78	A	H
	*	2412	115.89	-	-	106.03	27.35	18.76	36.25	110	78	P	H
	*	2412	107.7	-	-	97.84	27.35	18.76	36.25	110	78	A	H
													H
													H
		2390	67.37	-6.63	74	57.63	27.26	18.72	36.24	145	292	P	V
		2390	47.15	-6.85	54	37.41	27.26	18.72	36.24	145	292	A	V
	*	2412	115.92	-	-	106.06	27.35	18.76	36.25	145	292	P	V
	*	2412	106.85	-	-	96.99	27.35	18.76	36.25	145	292	A	V
													V
													V
802.11ax HE20 Partial 106/54 CH 11 2462MHz	*	2462	115.04	-	-	104.91	27.55	18.85	36.27	297	62	P	H
	*	2462	105.76	-	-	95.63	27.55	18.85	36.27	297	62	A	H
		2484.68	68.61	-5.39	74	58.34	27.64	18.9	36.27	297	62	P	H
		2485.44	46.53	-7.47	54	36.27	27.64	18.9	36.28	297	62	A	H
													H
													H
	*	2462	115.89	-	-	105.76	27.55	18.85	36.27	307	299	P	V
	*	2462	105	-	-	94.87	27.55	18.85	36.27	307	299	A	V
		2483.52	68.51	-5.49	74	58.26	27.63	18.89	36.27	307	299	P	V
		2483.52	45.31	-8.69	54	35.06	27.63	18.89	36.27	307	299	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 2422MHz		2389.68	63.44	-10.56	74	53.7	27.26	18.72	36.24	133	74	P	H
		2390	52.89	-1.11	54	43.15	27.26	18.72	36.24	133	74	A	H
	*	2422	107.19	-	-	97.27	27.39	18.78	36.25	133	74	P	H
	*	2422	98.81	-	-	88.89	27.39	18.78	36.25	133	74	A	H
		2485.36	50.27	-23.73	74	40.01	27.64	18.9	36.28	133	74	P	H
		2486.4	40.21	-13.79	54	29.94	27.65	18.9	36.28	133	74	A	H
		2389.36	61.27	-12.73	74	51.53	27.26	18.72	36.24	400	172	P	V
		2390	51	-3	54	41.26	27.26	18.72	36.24	400	172	A	V
	*	2422	105	-	-	95.08	27.39	18.78	36.25	400	172	P	V
	*	2422	96.61	-	-	86.69	27.39	18.78	36.25	400	172	A	V
		2497.2	50.87	-23.13	74	40.54	27.69	18.92	36.28	400	172	P	V
		2486.16	40.21	-13.79	54	29.95	27.64	18.9	36.28	400	172	A	V
802.11ax HE40 Full CH 06 2437MHz		2389.52	64.2	-9.8	74	54.46	27.26	18.72	36.24	119	77	P	H
		2390	51.37	-2.63	54	41.63	27.26	18.72	36.24	119	77	A	H
	*	2437	115.41	-	-	105.41	27.45	18.81	36.26	119	77	P	H
	*	2437	105.54	-	-	95.54	27.45	18.81	36.26	119	77	A	H
		2483.52	64.05	-9.95	74	53.8	27.63	18.89	36.27	119	77	P	H
		2483.52	52.26	-1.74	54	42.01	27.63	18.89	36.27	119	77	A	H
		2388.4	62.4	-11.6	74	52.67	27.25	18.72	36.24	102	344	P	V
		2389.84	49.24	-4.76	54	39.5	27.26	18.72	36.24	102	344	A	V
	*	2437	113.12	-	-	103.12	27.45	18.81	36.26	102	344	P	V
	*	2437	103.79	-	-	93.79	27.45	18.81	36.26	102	344	A	V
		2484	61.75	-12.25	74	51.48	27.64	18.9	36.27	102	344	P	V
		2483.52	50.94	-3.06	54	40.69	27.63	18.89	36.27	102	344	A	V



WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 09 2452MHz		2387.92	50.19	-23.81	74	40.46	27.25	18.72	36.24	331	57	P	H
		2389.84	40.01	-13.99	54	30.27	27.26	18.72	36.24	331	57	A	H
	*	2452	107.25	-	-	97.16	27.51	18.84	36.26	331	57	P	H
	*	2452	97.98	-	-	87.89	27.51	18.84	36.26	331	57	A	H
		2484.16	61.22	-12.78	74	50.95	27.64	18.9	36.27	331	57	P	H
		2483.52	50.44	-3.56	54	40.19	27.63	18.89	36.27	331	57	A	H
		2379.92	50.19	-23.81	74	40.51	27.22	18.7	36.24	100	267	P	V
		2390	39.56	-14.44	54	29.82	27.26	18.72	36.24	100	267	A	V
	*	2452	107.65	-	-	97.56	27.51	18.84	36.26	100	267	P	V
	*	2452	98.98	-	-	88.89	27.51	18.84	36.26	100	267	A	V
		2483.6	63.03	-10.97	74	52.78	27.63	18.89	36.27	100	267	P	V
		2483.52	52.29	-1.71	54	42.04	27.63	18.89	36.27	100	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]

[illegible]



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 03 2422MHz		2389.68	65.49	-8.51	74	55.75	27.26	18.72	36.24	298	58	P	H
		2390	51.58	-2.42	54	41.84	27.26	18.72	36.24	298	58	A	H
	*	2422	109.47	-	-	99.55	27.39	18.78	36.25	298	58	P	H
	*	2422	100.1	-	-	90.18	27.39	18.78	36.25	298	58	A	H
		2485.6	54.75	-19.25	74	44.49	27.64	18.9	36.28	298	58	P	H
		2483.6	40.83	-13.17	54	30.58	27.63	18.89	36.27	298	58	A	H
		2389.84	64.9	-9.1	74	55.16	27.26	18.72	36.24	400	183	P	V
		2390	51.02	-2.98	54	41.28	27.26	18.72	36.24	400	183	A	V
	*	2422	106.84	-	-	96.92	27.39	18.78	36.25	400	183	P	V
	*	2422	97.4	-	-	87.48	27.39	18.78	36.25	400	183	A	V
		2485.68	58.63	-15.37	74	48.37	27.64	18.9	36.28	400	183	P	V
		2485.36	39.69	-14.31	54	29.43	27.64	18.9	36.28	400	183	A	V
802.11ax HE40 Partial 242/62 CH 09 2452MHz		2388.08	55	-19	74	45.27	27.25	18.72	36.24	306	63	P	H
		2390	40.68	-13.32	54	30.94	27.26	18.72	36.24	306	63	A	H
	*	2452	111.25	-	-	101.16	27.51	18.84	36.26	306	63	P	H
	*	2452	102.27	-	-	92.18	27.51	18.84	36.26	306	63	A	H
		2484.88	65.93	-8.07	74	55.66	27.64	18.9	36.27	306	63	P	H
		2483.52	51.97	-2.03	54	41.72	27.63	18.89	36.27	306	63	A	H
		2388.72	51.51	-22.49	74	41.78	27.25	18.72	36.24	100	238	P	V
		2389.36	39.79	-14.21	54	30.05	27.26	18.72	36.24	100	238	A	V
	*	2452	110.23	-	-	100.14	27.51	18.84	36.26	100	238	P	V
	*	2452	99.92	-	-	89.83	27.51	18.84	36.26	100	238	A	V
		2484.72	65.61	-8.39	74	55.34	27.64	18.9	36.27	100	238	P	V
		2483.52	50.25	-3.75	54	40	27.63	18.89	36.27	100	238	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission above 18GHz

2.4GHz WIFI 802.11ax HE40 (SHF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11ax HE40 SHF		25873.2	43.36	-24.84	68.2	37.64	38.95	20.07	53.3	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
	</												

Emission below 1GHz

2.4GHz WIFI 802.11ax HE40 (LF)

[illegible]



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is Margin line.
P/A	Peak or Average
H/V	Horizontal or Vertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	John Chuang, David Dai, and Sam Chou	Temperature :	19.8~22.7°C
		Relative Humidity :	66.1~70.1%

Note symbol

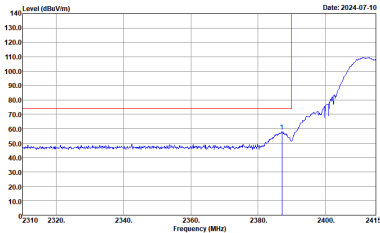
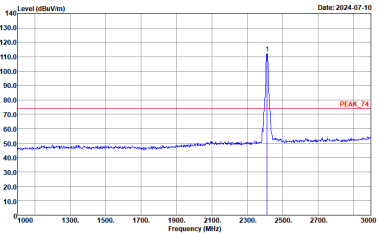
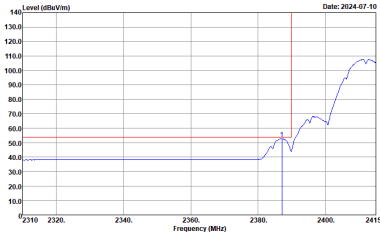
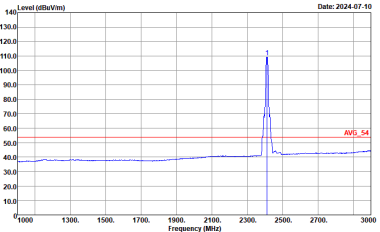
-L	Low channel location
-R	High channel location

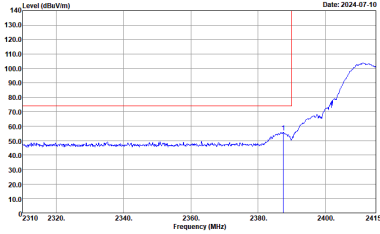
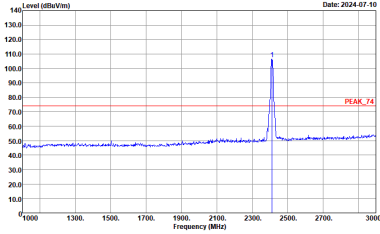
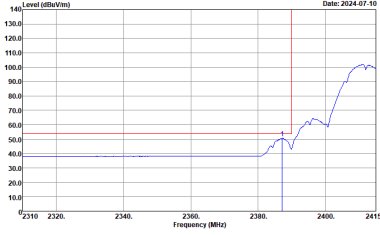
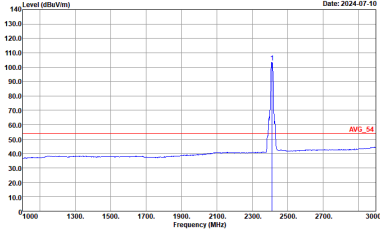


MIMO<Ant. 6+7>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

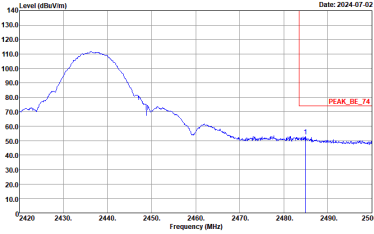
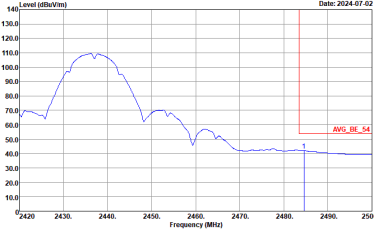
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

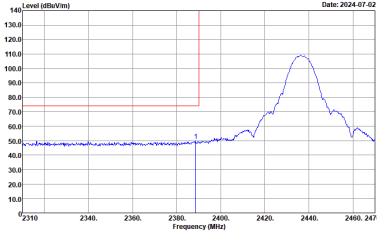
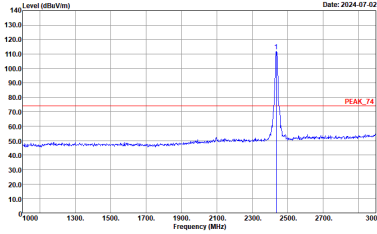
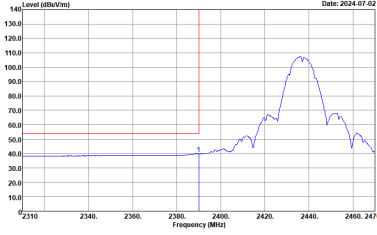
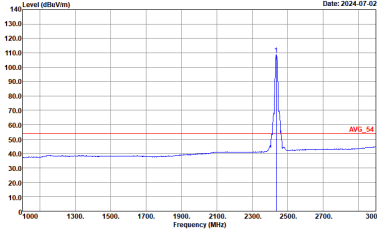


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



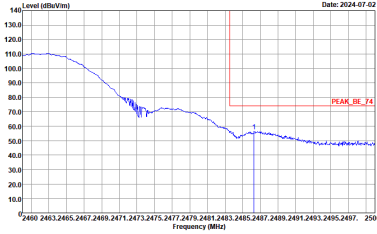
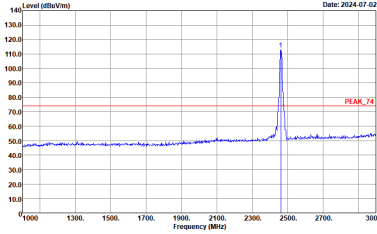
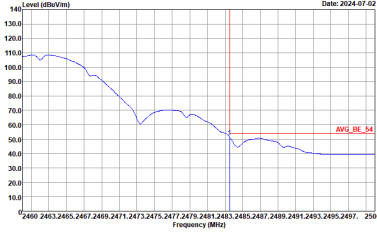
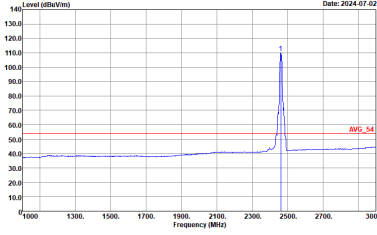
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



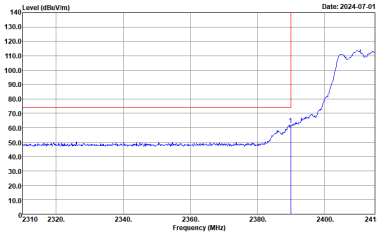
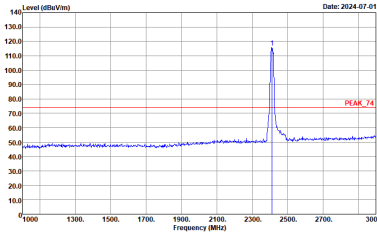
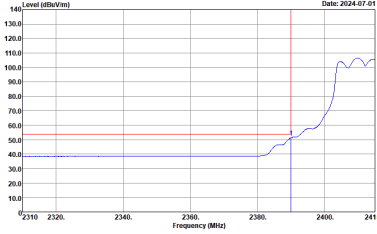
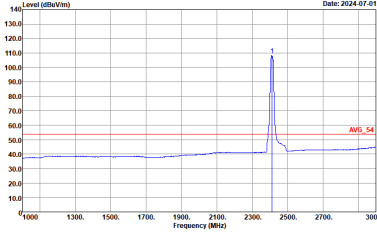
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
6+7	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

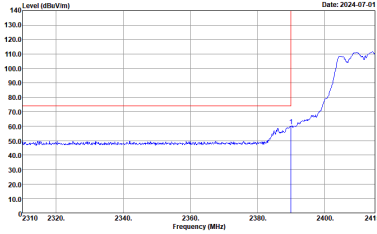
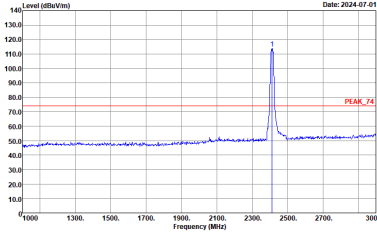
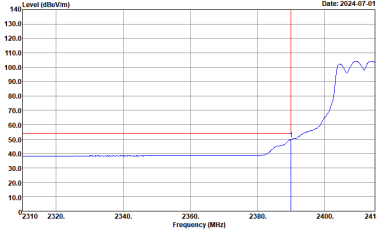
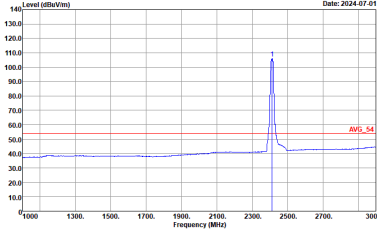
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
6+7	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

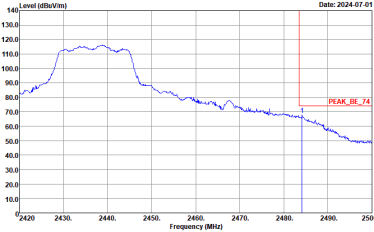
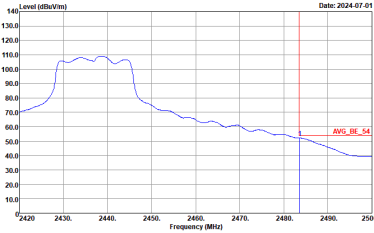
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

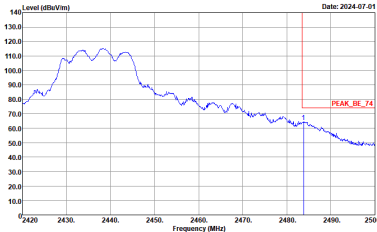
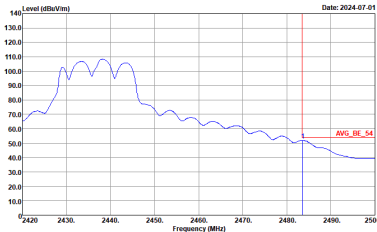


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

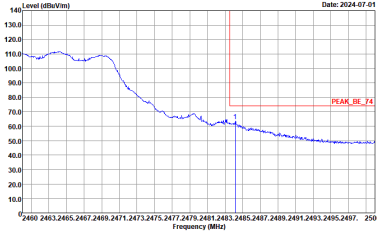
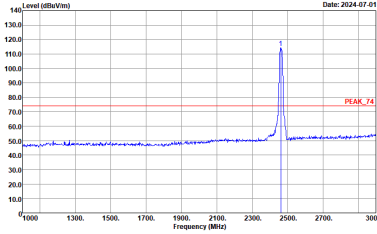
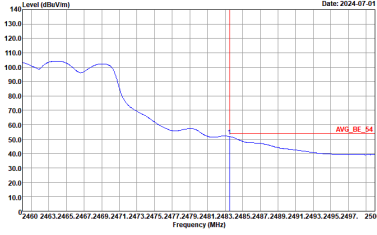
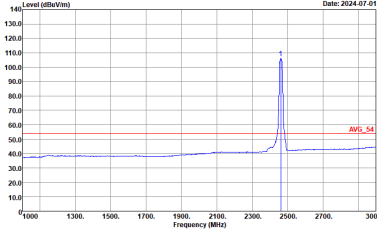


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

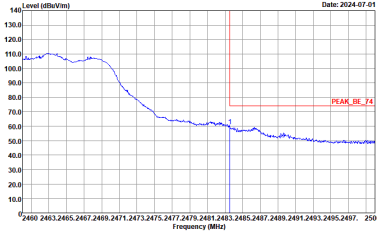
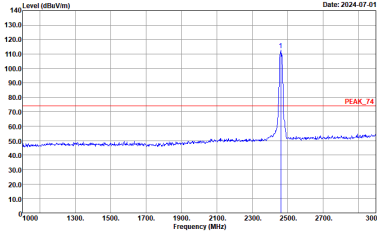
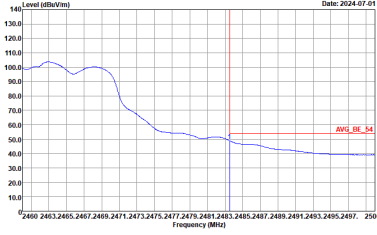
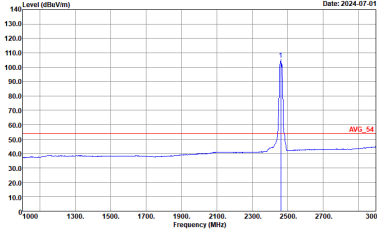


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

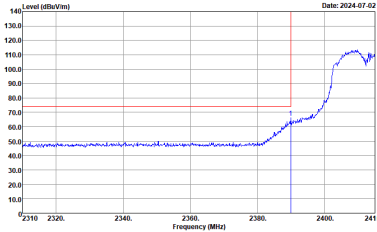
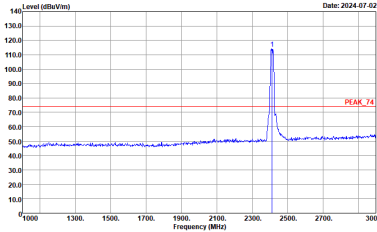
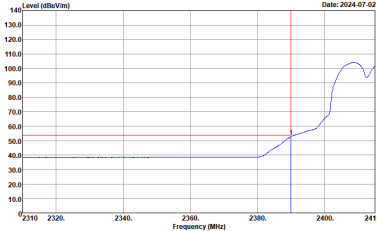
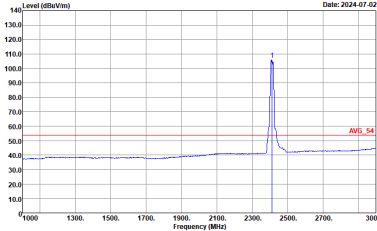


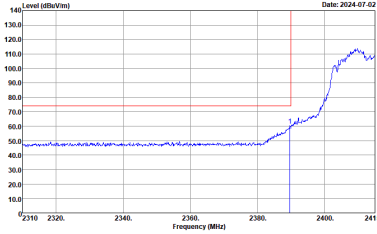
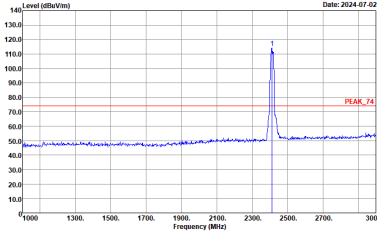
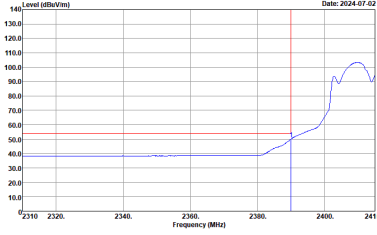
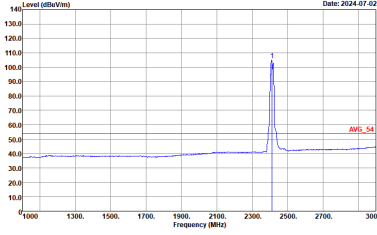
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

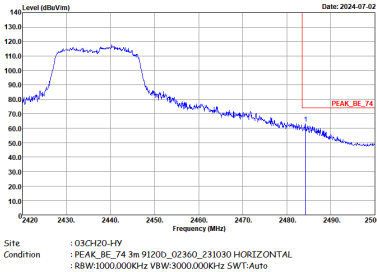
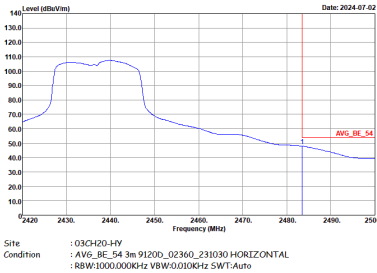
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

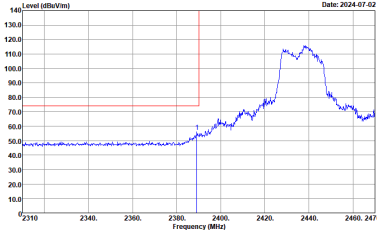
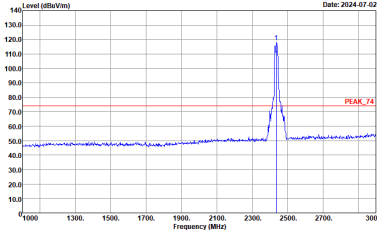
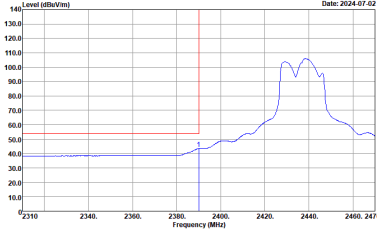
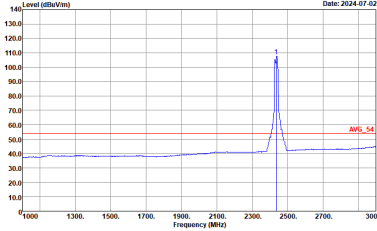


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

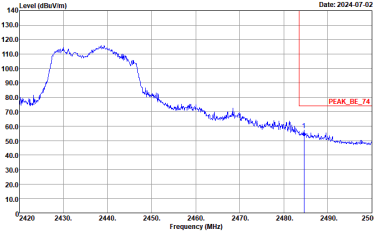
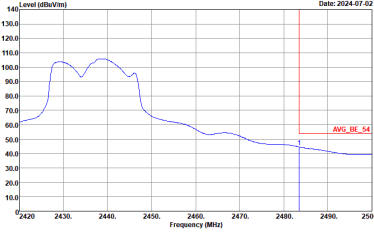


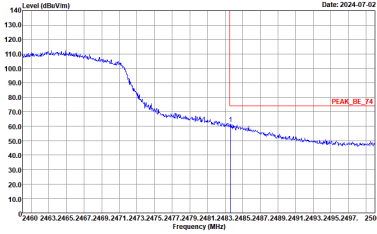
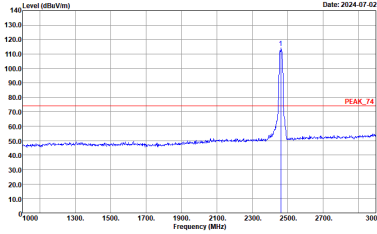
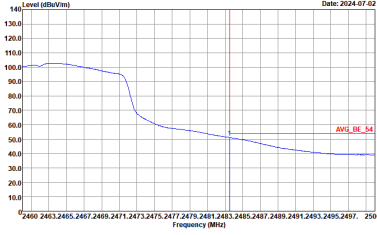
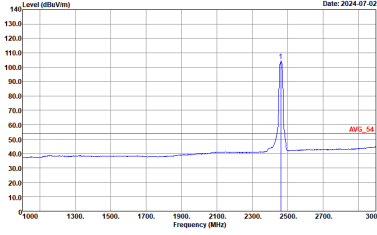
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

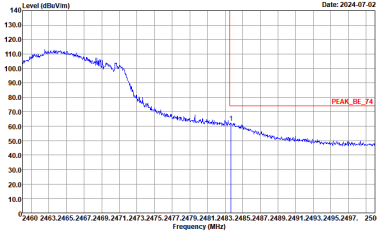
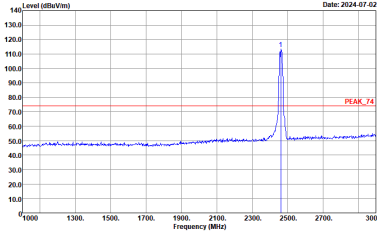
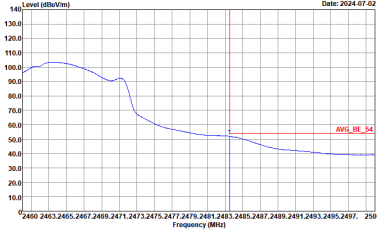
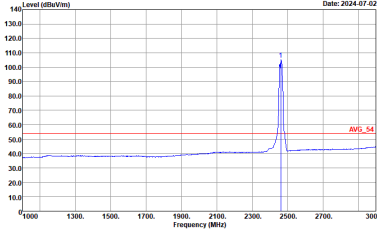


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

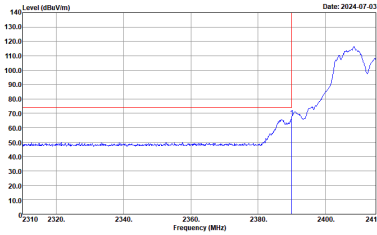
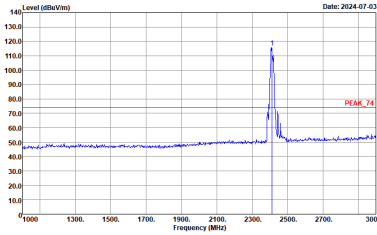
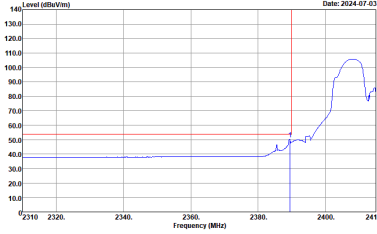
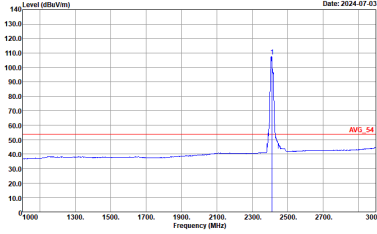


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

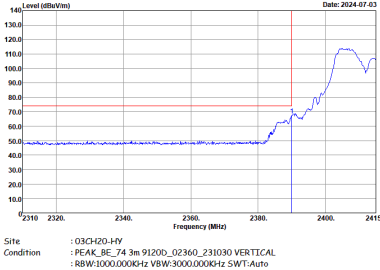
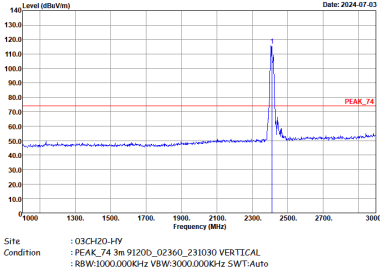
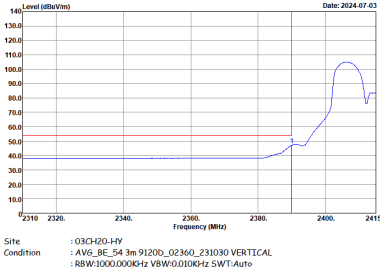
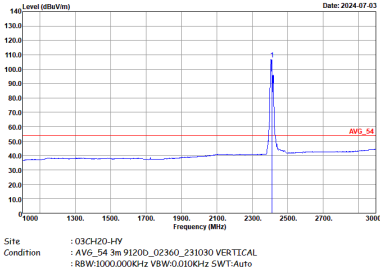
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

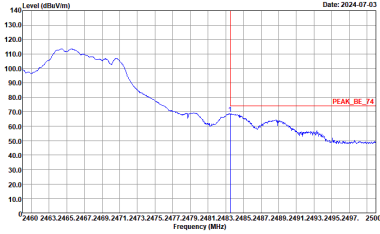
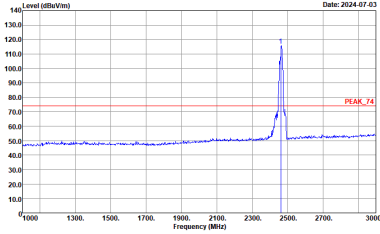
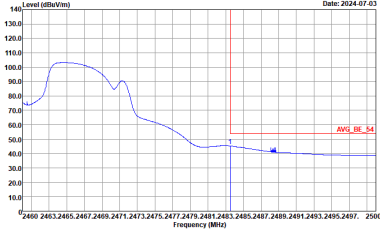
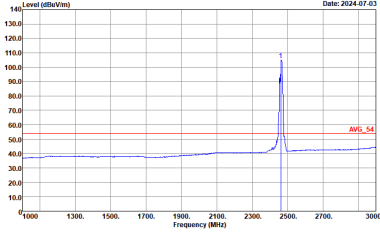


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
6+7	Vertical	Fundamental
Peak		
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.		Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

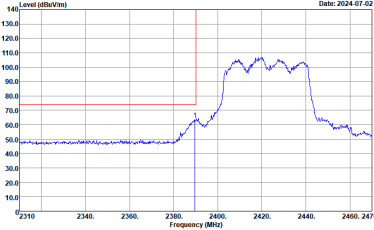
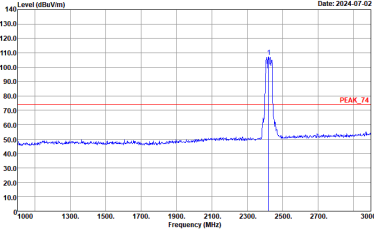
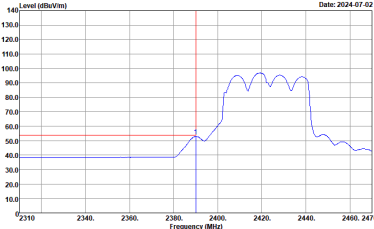
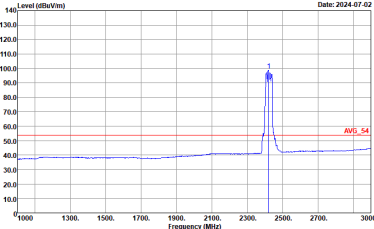


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

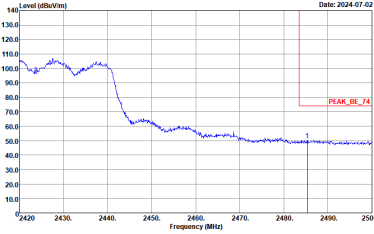
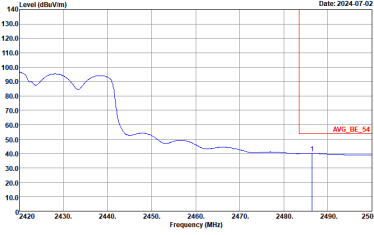


2.4GHz 2400~2483.5MHz

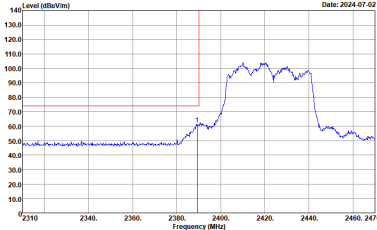
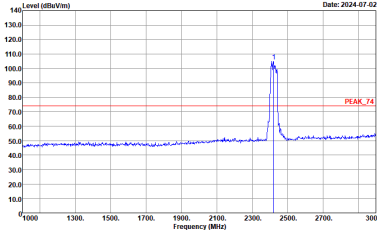
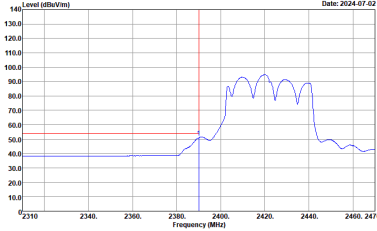
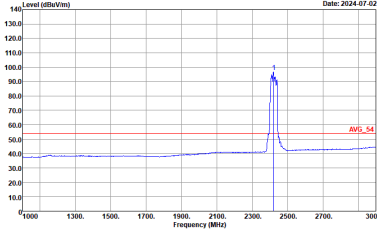
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

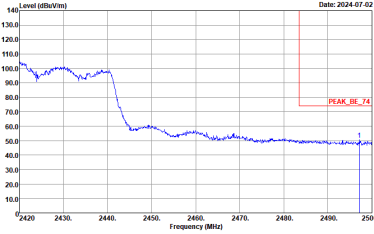
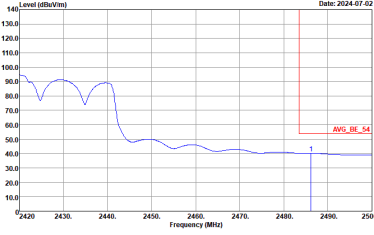


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

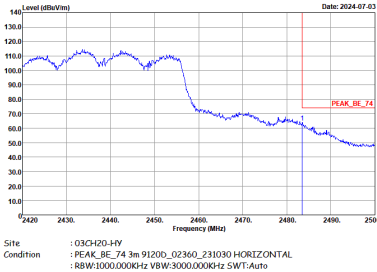
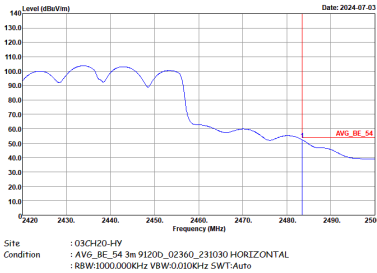


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_85_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_85_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

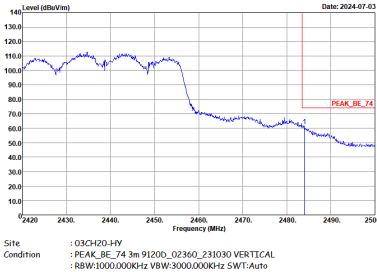
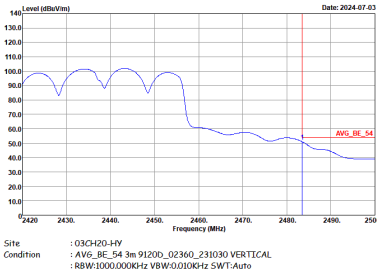


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

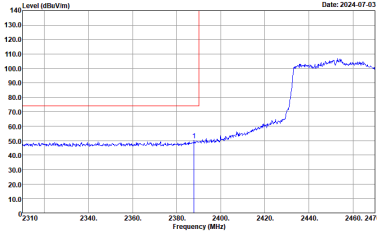
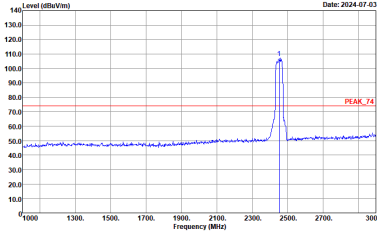
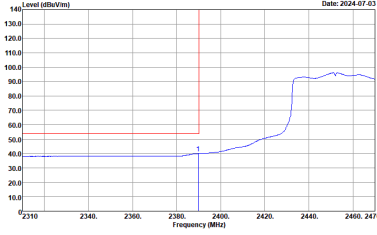
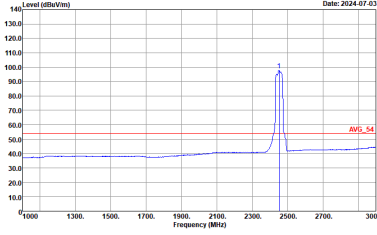


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

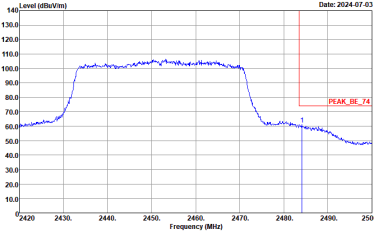
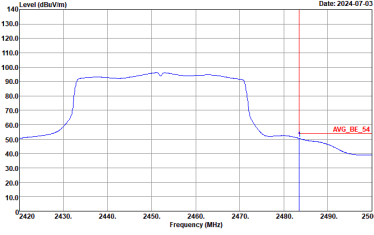


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

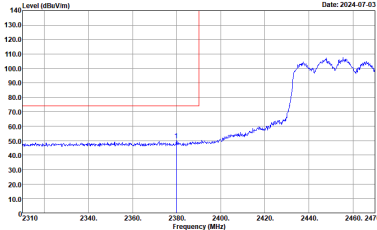
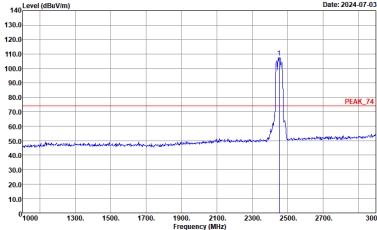
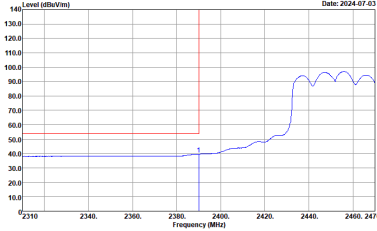
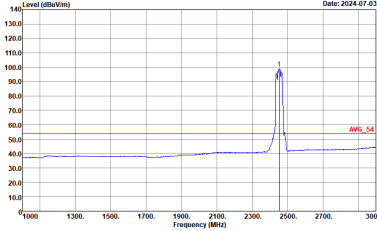


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

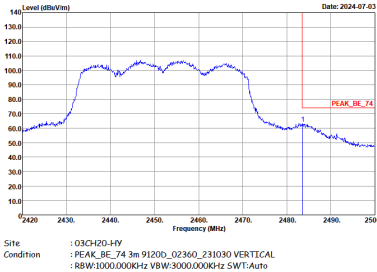
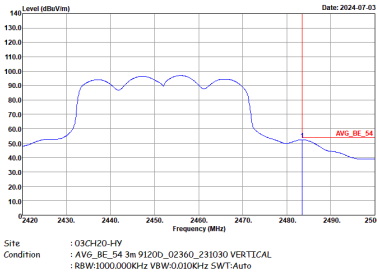


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

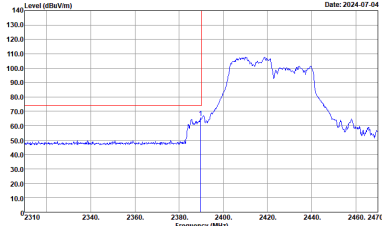
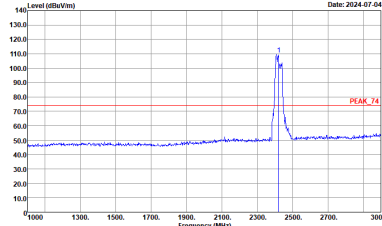
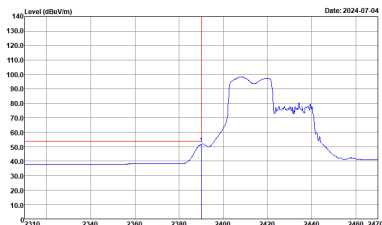
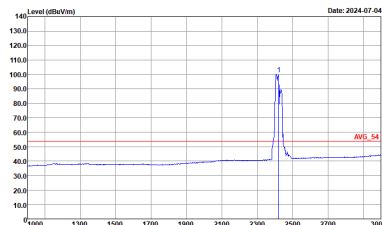


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

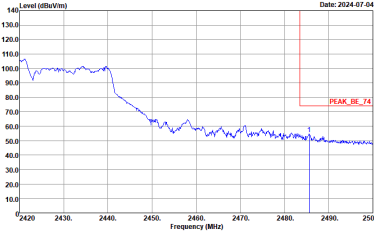
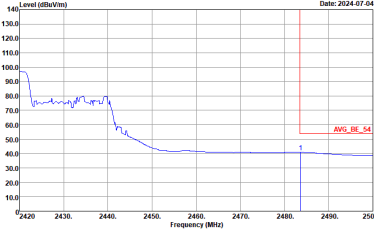


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

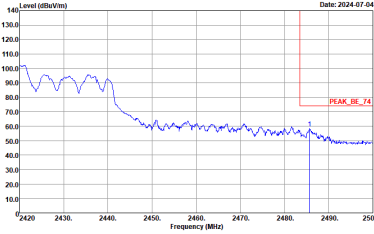
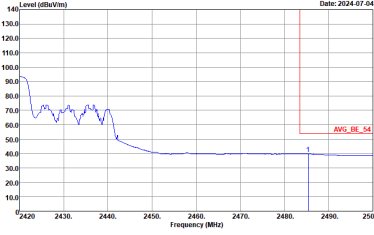


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

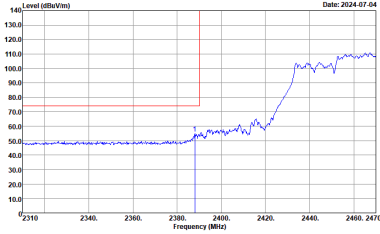
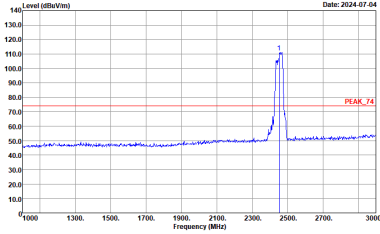
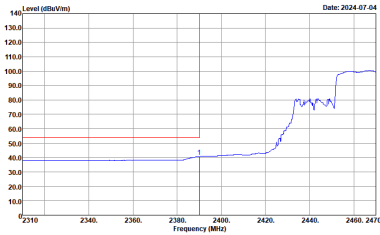
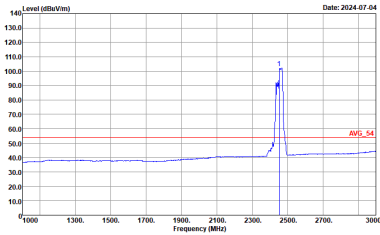


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
6+7	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

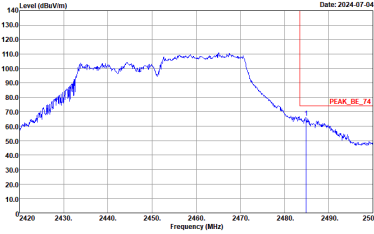
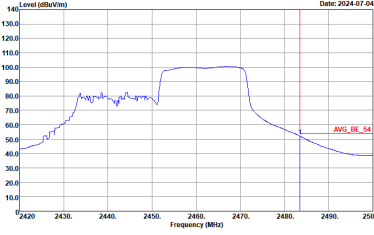


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

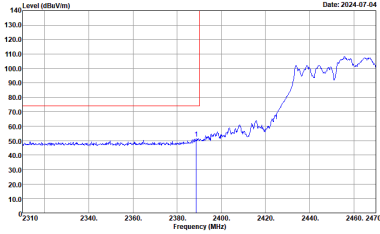
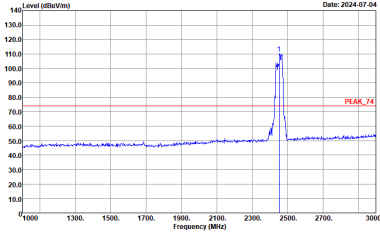
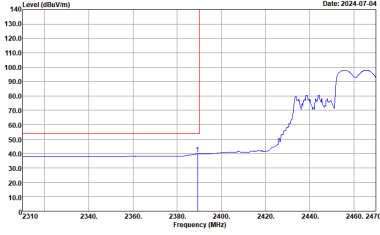
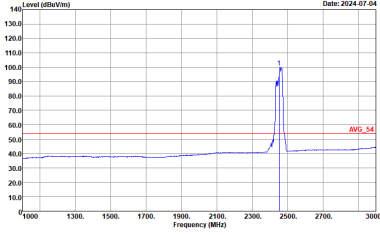


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_85_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_85_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

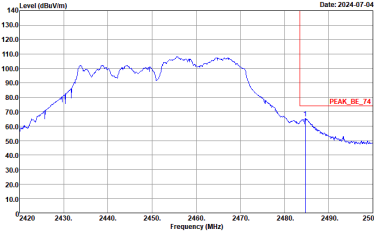
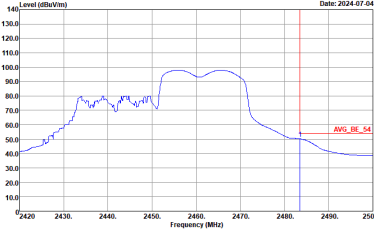


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2024.07.04	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Date: 2024.07.04	Left blank



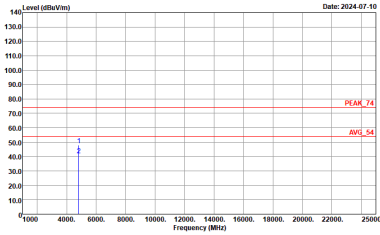
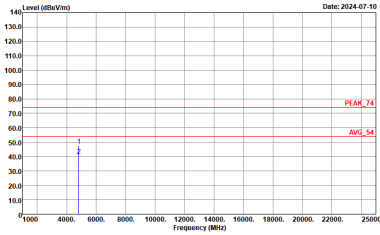
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_85_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_85_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_231030 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



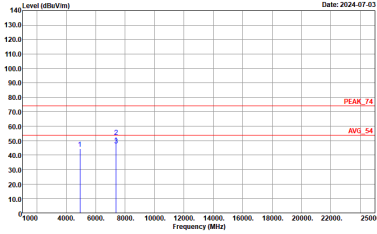
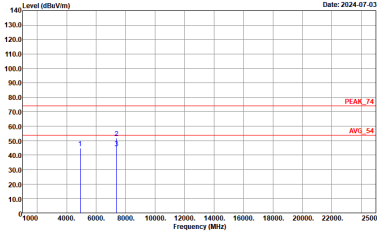
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HV Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-HV Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



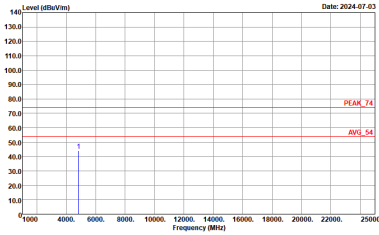
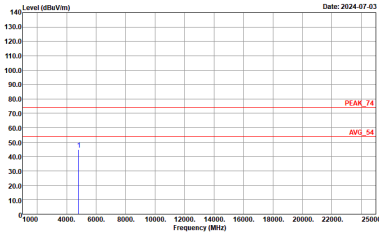
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.	Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



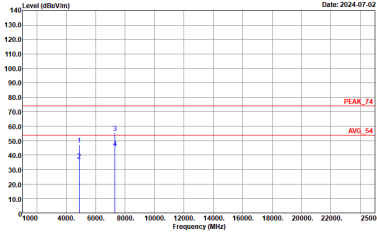
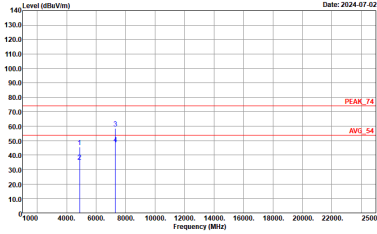
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-11V Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-11V Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



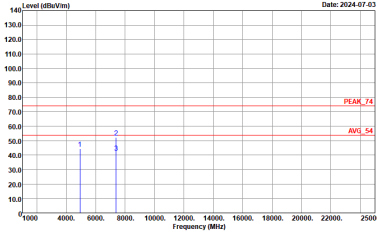
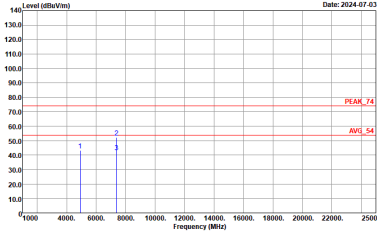
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



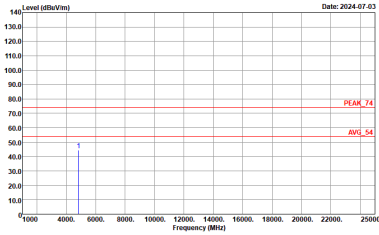
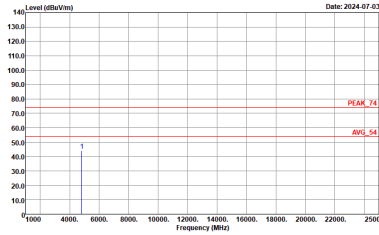
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-11Y Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-11Y Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



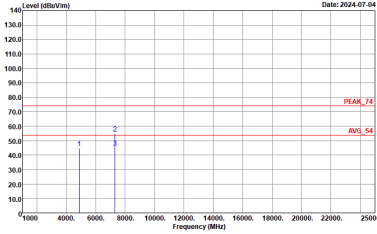
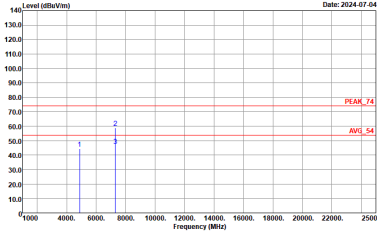
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



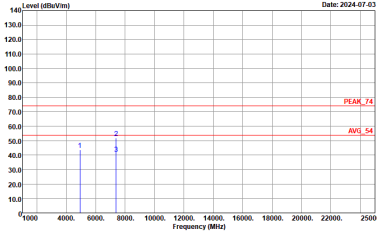
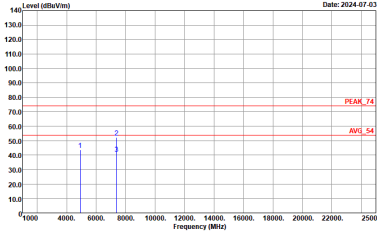
2.4GHz 2400~2483.5MHz
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



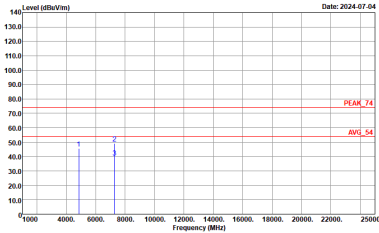
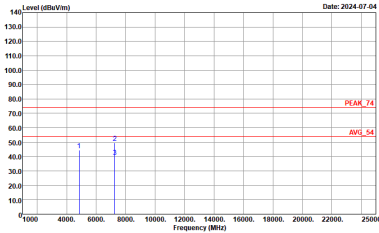
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-11Y Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-11Y Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



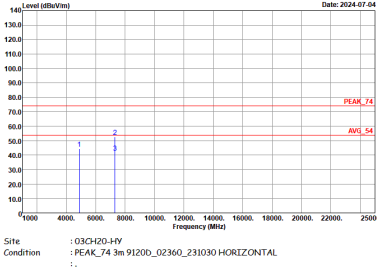
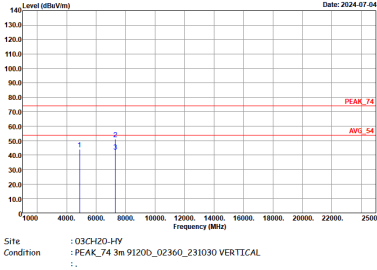
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



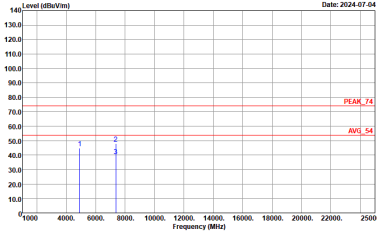
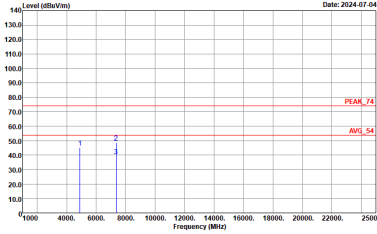
2.4GHz 2400~2483.5MHz
WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



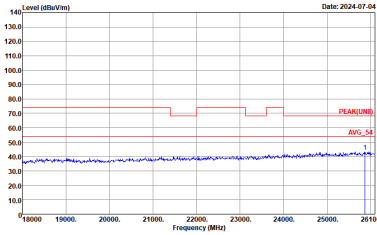
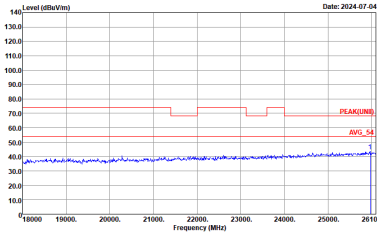
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.		



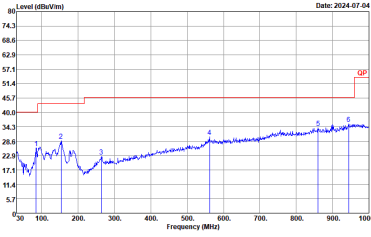
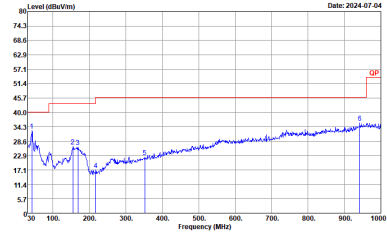
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 HORIZONTAL :	 Site : 03CH20-14Y Condition : PEAK_74 3m 91200_02360_231030 VERTICAL :



Emission above 18GHz
2.4GHz WIFI 802.11ax HE40 Full (SHF @ 1m)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full SHF	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK[UNIT] 1m SHF_BBHA917000993 HORIZONTAL :	 Site : 03CH20-HY Condition : PEAK[UNIT] 1m SHF_BBHA917000993 VERTICAL :

Emission below 1GHz
2.4GHz WIFI 802.11ax HE40 Full (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full LF	
6+7	Horizontal	Vertical
QP / Peak	 Site : 03CH20-11V Condition : QP 3m LF_55606_231020_200 HORIZONTAL :	 Site : 03CH20-11V Condition : QP 3m LF_55606_231020_200 VERTICAL :



Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
6+7	802.11b	98.21	-	-	10Hz
6+7	802.11g	99.05	-	-	10Hz
6+7	802.11ax HE20 Full RU	99.76	-	-	10Hz
6+7	802.11ax HE20 106 RU	99.54	-	-	10Hz
6+7	802.11ax HE40 Full RU	99.51	-	-	10Hz
6+7	802.11ax HE40 242 RU	99.21	-	-	10Hz



MIMO <Ant. 6+7>

